11



Coax and Legacy Products

Section 11 Coax and Legacy Products

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Coaxial Cable

50 ohm Coaxial Cable for ETHERNET 10BASE-2 and 10BASE-5

BELDEN

50 ohm coaxial cables are available in a variety of RG styles, including: RG-8, RG-58, RG-213 and RG-214.



RG-8

Anixter No.	Vendor No.	Conductor Type	Dielectric Type/Jkt.	Shield Coverage	Nominal O.D. (in.)	NEC Rating
B8214	8214 0101000	11 AWG Str (7x19) BC	FPE/PVC	97% BC Braid	0.403	CM
B8237	8237 0101000	13 AWG Str (7x21) BC	PE PVC	97% BC Braid	0.405	CMH
B9251	9251 0101000	13 AWG Str (7x21) BC	PE/PVC (non-contam.)	97% BC Braid	0.405	CMX

RG-58

Anixter No.	Vendor No.	Conductor Type	Dielectric Type/Jkt.	Shield Coverage	Nominal O.D. (in.)	NEC Rating
B8219	8219 0101000	20 AWG Str (19x32) TC	FPE/PVC	96% TC Braid	0.194	CM
B9201	9201 0101000	20 AWG Solid BC	PE/PVC	78% BC Braid	0.193	-----
B9907	9907 E4X3280	20 AWG Str (19x32) TC Thin Ethernet	FPE/PVC	93% BC Braid	0.185	CM
B82907	82907 8771000	20 AWG Str (19x32) TC Thin Ethernet Plenum	FPFA/PVC	93% BC Braid	0.160	CMP

RG-213/214

Anixter No.	Vendor No.	Conductor Type	Dielectric Type/Jkt.	Shield Coverage	Nominal O.D. (in.)	NEC Rating
B8267	8267 0101000	13 AWG Str (7x21) BC	PE/PVC (non-contam.)	96% BC Braid	0.405	CMX
B8268	8268 0101000	13 AWG Str (7x21) SCC	PE/PVC (non-contam.)	2 SCC Braids (97%)	0.425	CMX

93 ohm Coaxial Cable for IBM 3270

BELDEN



For use with computer and electronic equipment. 93 ohm cables are available in a variety of RG-62 types. Typical applications include IBM 3270.

SPECIFICATIONS

1. 22 AWG center conductor
2. Bare copper-clad steel
3. Conductor size (in.): 0.025
4. 95% shield, bare copper braid

NONPLENUM

Anixter No.	Vendor No.	Dielectric Type/Jkt.	Nominal O.D. (in.)	NEC Rating
B9269	9269 0105000	Air-core PE/PVC	0.239	CM CL2
B9268	9268 0101000	Air-core PE/PVC	0.260	CM CL2
B9228	9228 0101000	Air-core PE/HDPE	0.242	-----
B8254	8254 0101000	Air-core PE/PVC	0.238	-----

PLENUM

Anixter No.	Vendor No.	Dielectric Type/Jkt.	Nominal O.D. (in.)	NEC Rating
B89269	89269 0101000	Air-core FEP/FEP	0.200	CMP

100 ohm Twinax Cable for IBM 3X and AS400

BELDEN



SPECIFICATIONS

1. 20 AWG (7x28), 2 conductors
2. 1 tinned copper, 1 bare copper
3. Nominal O.D. (in.) is 0.330
4. Foil + 85% TC braid - 9207, Foil + 95% TC braid - 9815
5. PE insulation
6. PE inner jacket, Black PVC outer jacket - 9207, HDPE jacket - 9815

Technical Information & Standards

The 9207 meets NEC Type-CM and CL2

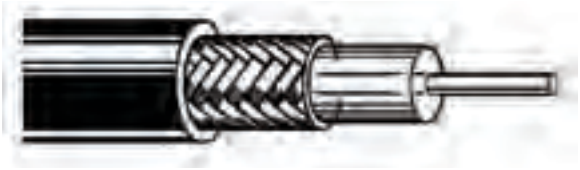
Anixter No.	Vendor No.	Description
B9207	9207 0105000	100 ohm twinax cable
B9815	9815 0101000	100 ohm twinax cable

Coaxial Cable

50 ohm Transmission Cables

BELDEN

Used for low- and high-power RF connections. Characteristic impedance 50 ohms.



Anixter No.	Vendor No.	Description	Conductor AWG	Conductor Size (in.)	Dielectric Type/Jkt.	Shield	Nominal O.D. (in.)	NEC Rating
B8240	8240 0101000	RG-58A/U Type	20 AWG Solid Bare Copper	0.033	PE/PVC	95% TC Braid	0.193	CMX
B8219	8219 0101000	RG-58A/U Type	20 AWG Str (19x32) Tinned Copper	0.037	FPE/PVC	93% TC Braid	0.194	CM
B9258	9258 0101000	RG-8X Type	16 AWG Str (19x29) Bare Copper	0.058	FPE/PVC	95% BC Braid	0.242	CM
B9913	9913 0101000	RG-8/U Type - Low Loss	10 AWG Solid Bare Copper	0.108	Air-core PE/PVC	Foil + 90% TC Braid	0.405	-----
B7805	7805 0101000	RG-174 Type	25 AWG Solid Bare Copper	0.018	PE/PVC	Foil + 90% TC Braid	0.110	-----
B7806A	7806A 0101000	RG-58 Type - outdoor	19 AWG Solid Bare Copper	0.037	FHDPE/PE	Foil + 90% TC Braid	0.195	-----
B7807A	7807A 0101000	RG-58 Type - outdoor	17 AWG Solid Bare Copper	0.044	FHDPE/PE	Foil + 95% TC Braid	0.195	-----
B7808A	7808A 0101000	RG-8X Type - outdoor	15 AWG Solid Bare Copper	0.057	FHDPE/PE	Foil + 95% TC Braid	0.240	-----
B7809A	7809A 0101000	Intermediate Type outdoor	13 AWG Solid Bare Copper	0.072	FHDPE/PE	Foil + 95% TC Braid	0.300	-----
B7810A	7810A 0101000	RG-8 Type - outdoor	10 AWG Solid BC Covered Aluminum	0.108	FHDPE/PE	Foil + 95% TC Braid	0.403	-----
B7976A	7976A 0101000	Series RF500 outdoor	7 AWG Solid BC Covered Aluminum	0.142	FHDPE/PE	Foil + 90% TC Braid	0.500	-----
B7977A	7977A 0101000	Series RF600 outdoor	5.5 AWG Solid BC Covered Aluminum	0.176	FHDPE/PE	Foil + 85% TC Braid	0.590	

Coaxial Cable - Plenum and Nonplenum for Broadcast Applications

COMMSCOPE-UNIPRISE SOLUTIONS



75 OHM PLENUM COAXIAL CABLES FOR BROADCAST APPLICATIONS

CMP rated for plenum applications.

Anixter No.	Vendor No.	Description	Conductor Type	Dielectric Type/Jkt.	Shield Coverage	Nominal O.D. (in.)	Material ID
CS2279V	2279V	Series 6	18 AWG Solid BC	Foam FEP	Foil + 95% TC Braid	0.237	4135303/10
CSP59DSCCS	P59DSCCS	Series 59	20 AWG Solid CCS	Foam FEP	AL + 65% Braid	0.135	8730003/10
CSP6DSCCS	P6DSCCS	Series 6	18 AWG Solid CCS	Foam FEP	AL + 60% Braid	0.242	8730303/10
CSP6QSCCS	P6QSCCS	Series 6	18 AWG Solid CCS	Foam FEP	AL + 60% Braid	0.260	8730404/10
CSPS59BCPP	PS59BCPP	Series 59	20 AWG Solid BC	Foam FEP	AL + 87% Braid	0.135	8730203/10

75 OHM NONPLENUM COAXIAL CABLES FOR BROADCAST APPLICATIONS

Anixter No.	Vendor No.	Description	Conductor Type	Dielectric Type/Jkt.	Shield Coverage	Nominal O.D. (in.)	NEC Rating	Material ID
CS5765	5765	Series 6	18 AWG Solid BC	FPE/FRPVC-black	Foil + 95% TC Braid	0.272	CMR	8213403/10
CSS59BCPP	S59BCPP	Series 59	20 AWG Solid BC	Foam FEP	AL + 85% Braid	0.135	CMR	4621003/10
CS59BC	S59BC	Series 59	20 AWG Solid BC	FPE/FRPVC-black	95% BC Braid	0.242	CM	4620003/10

Coaxial Cable

Audio/Video Composite Camera Cables

BELDEN

Used in camera cable applications requiring one or more coaxial cables for video and one or more shielded pairs for audio and power.



ENG, EFP, CCTV CABLE

For use in interconnect of remote field cameras. Siamese construction - one coax for analog video connection; 1-pair, 22 AWG-shielded for audio connection.

Anixter No.	Vendor No.	Conductor	Insulation	Shield	Jacket	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9265	9265 0101000	2-22 (7x30) TC + 1 Coax 22 (7x30) BC	PVC/FPE(Coax)	Foil (1 Pair)/95% BC Braid (Coax)	Black PVC	0.242 x 0.470	58

MINIATURE BUNDLED RGB COAXIAL CABLES

For use in sending red, green and blue signals through separate coaxial cables in component video applications. Bundled coaxial cables are color-coded for identification.

Anixter No.	Vendor No.	Conductor	Insulation	Shield	Jacket	Nominal O.D. (in.)	Weight lb./1,000 ft.
B1520A	1520A 0101000	3 Coax - 30 AWG Str (7x38) TC	Foam HDPE	Foil + 90% TC Braid	PVC	0.283	50
B1521A	1521A 0101000	4 Coax - 30 AWG Str (7x38) TC	Foam HDPE	Foil + 90% TC Braid	PVC	0.310	60
B1522A	1522A 0101000	5 Coax - 30 AWG Str (7x38) TC	Foam HDPE	Foil + 90% TC Braid	PVC	0.338	63

HIGH-FLEX SVHS CABLE

For separate transmission of the two parts of a VHS video signal. Dual coaxial rip cord design, highly flexible. One conductor printed and striped for identification.

Anixter No.	Vendor No.	Conductor	Insulation	Shield	Jacket	Nominal O.D. (in.)	Weight lb./1,000 ft.
B1807A	1807A B591000	30 AWG Str (7x38) TC	Foam HDPE	90% TC Serve	Black matte PVC	0.110 x 0.230	15

DS-3 Coax Digital Carrier Cable

COMMSCOPE-CARRIER SOLUTIONS



DS-3 telephony cables are used to interconnect transmission equipment with digital cross-connects (DSXs).

Interconnect coaxial cables are used to connect different devices within the central office. Depending on the coax cable and the signal rate, maximum cabling distances may run from as long as 450 ft. (137 m) to as short as 90 ft. (27 m).

Cross-connect coaxial cables are used to manually connect the circuits within a DSX. Generally smaller and more flexible than their interconnect counterparts, they are designed to work over much shorter runs with maximum cabling distances ranging from 43 ft. (13 m) to 8 ft. (2.4 m).

Technical Information & Standards

Interconnect cables have been designed to meet both the requirements of small size and clear transmission. However, smaller cable diameters generally have higher attenuation values, resulting in shorter-run distances. This chart gives typical maximum-run distances at popular signal speeds for each interconnect cable. Exact cabling distance may vary depending on the transmission loss budget for the network.

Signal Rates	DS-3	OC-1	DS-4NA (CEPT-4)	OC-3	DS-4
Cable Series	44.736 Mbps	51.840 Mbps	139.264 Mbps	155.520 Mbps	274.176 Mbps
734 Series	450 ft. (137 m)	420 ft. (128 m)	250 ft. (76 m)	240 ft. (73 m)	180 ft. (55 m)
720 Series	255 ft. (78 m)	230 ft. (70 m)	140 ft. (42 m)	130 ft. (40 m)	100 ft. (30 m)
735 Series	230 ft. (70 m)	210 ft. (64 m)	125 ft. (38 m)	120 ft. (37 m)	90 ft. (27 m)

Cross-connect cables are designed specifically for manual digital cross-connect (DSX) applications. The same trade-offs of size vs. attenuation apply. Exact cabling distance may vary depending on the transmission loss budget for the network.

INTERCONNECT CABLES

Anixter No.	Vendor No.	Description
9L759501C	73501	1C 26 AWG solid silvered copper CMR
9L759501P	73501P	1C 26 AWG solid silvered copper CMP
9L759502C	73503	3C 26 AWG solid silvered copper CMR
9L759505C	73506	6C 26 AWG solid silvered copper CMR
9L759505P	73506P	6C 26 AWG solid silvered copper CMP
9M75DS50	73508	8C 26 AWG solid silvered copper CMR
9L759504C	73512	12C 26 AWG solid silvered copper CMR
9L758001	734C1	1C 20 AWG solid bare copper CMR
9L758001P	734C1P	1C 20 AWG solid bare copper CMP
9L758006	734S1	1C 20 AWG solid silvered copper CMR
9L758056C	734S6	6C 20 AWG solid silvered copper CMR
9L758012	734C12	12C 20 AWG solid bare copper CMR
9L759587	72001	1C 24 AWG solid bare copper CMR

CROSS-CONNECT CABLES

Anixter No.	Vendor No.	Description
CS735T1/893	735T1	1C 26 AWG solid silvered copper with tracer CMR
185929	73502	2C 26 AWG solid silvered copper CMR

Coaxial Cable

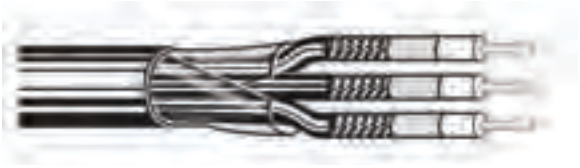
DS-3 Coaxial Central Office Cable

BELDEN

Used to interconnect transmission equipment with digital cross connects (DSXs).

Technical Information & Standards

734A/735A Series comply with Bellcore Specification GR-139-CORE.



SINGLE COAX

Foam HDPE insulation, foil shield + 85% tinned-copper braid, overall gray PVC jacket

Anixter No.	Vendor No.	Conductor	No. of Conductors	Nominal O.D. (in.)	Weight lb./1,000 ft.	NEC Rating
9L758001B	734A1 0081000	20 AWG Solid Copper	1	0.235	31	CMR

SINGLE COAX - DOUBLE BRAID

Polyethylene insulation, two 98% tinned-copper braid shields, overall gray PVC jacket

Anixter No.	Vendor No.	Conductor	No. of Conductors	Nominal O.D. (in.)	Weight lb./1,000 ft.	NEC Rating
B9231	9231 0081000	20 AWG Solid Copper	1 Coax Double Braid	0.305	76	CMH

MULTIPLE COAX

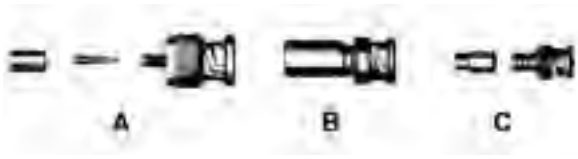
Foamed HDPE insulation, foil + 93% tinned-copper braid, multiple coaxes feature inner PVC jackets (gray) with printed numbers, overall gray PVC jacket

Anixter No.	Vendor No.	Conductor	No. of Conductors	Nominal O.D. (in.)	Weight lb./1,000 ft.	NEC Rating
B735A1	735A1 0081000	26 AWG solid silver plated copper	1 Coax	0.129	13	CMR
B735A2	735A2 0081000	26 AWG solid silver plated copper	2 Coax	0.129 x 0.258	26	CMR
B735A6	735A6 0081000	26 AWG solid silver plated copper	6 Coax	0.399	98	CMR
B735A8	735A8 0081000	26 AWG solid silver plated copper	8 Coax	0.447	129	CMR
B735A12	735A12 0081000	26 AWG solid silver plated copper	12 Coax	0.581	187	CMR

Coax Connectors and Accessories

BNC Plugs

TERM TYPE LEGEND
H-C-C = Hex Crimp Center Contact and Braid
O-C-C = "O" Crimp Center Contact and Braid
H-C = Captive Center Contact and Braid



RG-58/U PVC CABLE

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
160328	Amphenol	31-5800	H-C-C	A	140497	CTL-1	50 ohms
142321	TE Conn	1-5221128-0	H-C-C	A	133100	58433-2	50 ohms
356065	TE Conn	5227079-5	O-C-C	A	133101	58433-1	50 ohms

RG-58 PLENUM CABLE

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
160328	Amphenol	31-5800	H-C-C	A	140497	CTL-1	50 ohms

RG-59/62 CABLE

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
160329	Amphenol	31-5900	H-C-C	A	140497	CTL-1	50 ohms
166930	Amphenol	31-71032	H-C-C	A	140449	CTL-2	Nominal 75 ohms
194127	Amphenol	31-71008	H-C-C	A	140497	CTL-1	Nominal 75 ohms
041494	Emerson	CP-88-2	H-C	C	Emerson 24-8859P	24-8859P	50 ohms
201762	Emerson	CPMC-88-2	H-C-C	A	Emerson 24-8856P	24-8856P	50 ohms
251505	Emerson	CP-78-2	H-C	C	268425	24-8789P	75 ohms
347045	TE Conn	1-5221128-1	H-C-C	A	133100	58433-2	50 ohms
037852	Emerson	CPFI-UG88-2	Twist	B	Not needed	Not needed	50 ohms
251502	Emerson	28-90507	Twist	B	Not needed	Not needed	75 ohms

RG-59/62 PLENUM CABLE

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
160329	Amphenol	31-5900	H-C-C	A	140497	CTL-1	50 ohms
194129	Amphenol	31-71008-2000	H-C-C	A	140499	CTL-2	Nominal 75 ohms
105399	Emerson	CP-88-10	H-C	C	268425	24-8789P	50 ohms
257834	Emerson	CP-78-10	H-C	C	268425	24-8789P	75 ohms
084423	Emerson	CPFI-UG88-10	Twist	B	Not needed	Not needed	50 ohms

RG-59 PVC, 20 AWG C.C.

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
160330	Amphenol	68175-5RFX	H-C-C	A	140497	CTL-1	50 ohms
166928	Amphenol	31-70008-1000	H-C-C	A	166924	CTL-8	75 ohms
194128	Amphenol	31-71008-1000	H-C-C	A	140497	CTL-1	Nominal 75 ohms
142851	TE Conn	5221185-9	O-C-C	A	160215	354940-1	Use with die 196439, 75 ohms

RG-59, PLENUM, 20 AWG

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
239844	Amphenol	31-71035	H-C-C	A	166924	CTL-8	Nominal 75 ohms

THIN ETHERNET, PVC AND PLENUM (BELDEN 9907 AND 89907 OR EQUAL)

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
160328	Amphenol	31-5800	H-C-C	A	140497	CTL-1	50 ohms
135802	Amphenol	31-320-1006	H-C-C	A	140497	CTL-1	50 ohms

Continued on next page >>

Coax Connectors and Accessories

(continued) BNC Plugs

BROADCAST CABLE (BELDEN 8281 OR EQUAL)

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
198331	Amphenol	31-321-10RFX	H-C-C	A	140499	CTL-2	50 ohms

RG-6 PVC CABLE

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
166931	Amphenol	31-70000	H-C-C	A	166924	CTL-8	75 ohms
255034	Amphenol	31-71000-RFX	H-C-C	A	166924	CTL-8	Nominal 75 ohms
251504	Emerson	28-90027	H-C	B	257279	24-321P	75 ohms
251503	Emerson	28-90527	Twist	B	Not needed	Not needed	75 ohms

DS3 (75 OHMS) 734A AND 735A COAXIAL CABLE

Anixter No.	Vendor	Vendor No.	Description	Term Tool Anixter No.	Term Tool Vendor No.
131048	Trompeter	UPL220-025	Straight BNC, 734A	207229	CT4L
201045	Trompeter	UPLR220-025	Right angle BNC, 734A	207229/213414	CT4L/CD3-19
218260	Cannon RF Prod	W58-124-9069910	Straight BNC, 734A	218264	050-000-0030150
2025-76-9	Kings	2025-76-9	Straight BNC, 734A	KTH-1000/KTH-2186	KTH-1000/KTH-2186
2026-16-9	Kings	2026-16-9	Right Angle BNC, 734A	KTH-1000/KTH-2186	KTH-1000/KTH-2186
143289	TE Conn	413589-7	Straight BNC, 734A	133100	58433-2
215084	ADC	BNC-1	Straight BNC, 734A	215110	WT-2
155767	Trompeter	UPL220-026	Straight BNC, 735A	207229	CT4L
158607	Trompeter	UPLR220-026	Right angle BNC, 735A	207229	CT4L
242756	Amphenol	31-70238	Straight BNC, 735A	242776	CTL-15
218273	Cannon RF Prod	W58-124-901991S	Right angle BNC, 735A	218263	050-000-0030120
215781	Cannon RF Prod	W58-124-9019910	Straight BNC, 735A	218263	050-000-0030120
218259	Cannon RF Prod	W58-124-9019916	Straight BNC, 735A, 100-pack	218263	050-000-0030120
350316	TE Conn	1-5413589-0	Straight BNC, 735A	133100	58433-2

RG-174, RG-179 BNC PLUGS

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
074405	TE Conn	5225395-7	O-C-C	A	183046	220009-1	For RG-174, 50 ohms
166926	Amphenol	31-70013	H-C-C	A	166925	CTL-6	For RG-179, 75 ohms
237727	Trompeter	UPL220-004	H-C-C	A	207229 with 245839	CT4L and CD3-1	For RG-179, 75 ohms

OTHER COAX PLUGS, MINI RG-59, MINI UHF

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
131050	Trompeter	UPL220-009	H-C-C	A	207229 with 245839	CT4L/CD3-1	Mini RG-59, 8218, 75 ohms
166927	Amphenol	31-71033	H-C-C	A	140499	CTL-2	RGB-SVHS cables, 75 ohms

OTHER COAX PLUGS, UHF, RG-8, 9, 11, 213, 214 AND OTHER

Anixter No.	Vendor	Vendor No.	Term Type	Figure	Term Tool Anixter No.	Term Tool Vendor No.	Notes
110061	Amphenol	83-1SP-1050	Solder/clamp	Not shown	Not needed	-----	UHF - PL259
110111	Amphenol	6775	Solder/clamp	Not shown	Not needed	-----	50 ohms for RG-8/9/11/213/214
2065-11-9	Kings	2065-11-9	H-C-C	A	KTH-1000/Die-KTH-2025	KTH-1000/DIE-KTH-2025	75 ohms for 1855A and 1856A
2065-2-9	Kings	2065-2-9	H-C-C	A	KTH-1000/KTH-2261	KTH-1000/KTH-2261	75 ohms
2065-10-9	Kings	2065-10-9	H-C-C	A	KTH-1000/Die KTH-2255	KTH-1000/Die KTH-2255	75 ohms for 1694A, 9114, 9248, 9290
352079	TE Conn	5221185-1	O-C-C	A	160215/Die 196439	354940-1/Die 58536-1	75 ohms for 1694A, 9114, 9248, 9290
334563	TE Conn	1-5221185-5	O-C-C	A	160215/Die 58174-1	354940-1/58174-1	75 ohms for 1164A and 1167A

Coax Connectors and Accessories

HD-BNC

NEW!

AMPHENOL



The HD-BNC delivers true 75 ohm performance in a footprint 51 percent smaller than traditional BNC connectors, allowing four times the density, and 40 percent smaller than the DIN 1.0/2.3. Engineered to enhance electrical and mechanical performance, the HD-BNC connector features the trusted, push and turn interface of a traditional BNC, providing tactile feedback and a positive lock for quick and guaranteed mating. Using the same cable prep and termination specifications of legacy broadcast connectors makes adopting the HD-BNC seamless. Meets and exceeds SMPTE and 424M standards. The HD-BNC uses a mating/removal tool that can engage from the rear or cable side to the coupling mechanism to assist in turning the mating sleeve in high-density installations. Available for most common broadcast cables.

Anixter No.	Vendor No.	Description
444274	034-1024	HDBNC 4 Leg SQ Vertical PCB Jack
444275	034-1032	HDBNC 3 Leg Round Vertical PCB Jack
444276	034-1018	HDBNC Edge Launch Jack .062 Board
444277	034-1030	HDBNC Right Angle PCB Jack
444279	034-1017-300	HDBNC Plug for Belden 1694A
444280	034-1027	HDBNC Plug for Belden 1695A
444281	034-1026	HDBNC Plug for Belden 1855A
444282	034-1025	HDBNC Plug for Belden 1505A
444283	034-1033	HDBNC Plug for Times 210HDTV Cable
444284	031-70466	BNC Plug for Times 210HDTV Cable
444285	APH-HDBNCJ-J	HDBNC Jack to HDBNC Jack Adapter
444286	APH-HDBNCP-J	HDBNC Plug to HDBNC Jack Adapter
444287	034-1023	HDBNC Jack-Jack-Jack Tree Adapter
444291	APH-BNCJ-HDBNCJ	BNC Jack to HDBNC Jack Adapter
444294	APH-BNCP-HDBNCP	BNC Plug to HDBNC Plug Adapter
444296	APH-BNCJ-HDBNCP	BNC Jack to HDBNC Plug Adapter
444300	APH-BNCP-HDBNCJ	BNC Plug to HDBNC Jack Adapter
444301	APH-NP-HDBNCP	N Type Plug to HDBNC Plug Test Adapter
444302	APH-NP-HDBNCJ	N Type Plug to HDBNC Jack Test Adapter
444304	APH-HDBNCP-T	HDBNC Plug .1% 1 watt Terminator
444306	APH-HDBNCJ-T	HDBNC Jack .1% 1 watt Terminator
444307	227-1490	HDBNC Spanner Nut Tool
444309	227-T2000	HDBNC Mating Tool

BNC Plugs Snap-N-Seal, Headend Coax Cable

BELDEN (FORMERLY T&B)



Currently not for use with plenum cable.

Anixter No.	Vendor No.	Description
354191	SNS1P59BNC	For RG-59 coax cable, orange sleeve
354193	SNS1P6BNC	For RG-6 coax cable, blue sleeve
354194	SNS1P6QSBNC	For RG-6 quad shield coax cable, violet sleeve

BNC Plugs for Audio and Broadcast

AMPHENOL



For broadcast and video applications where matched impedance for higher performance is needed. These connectors are 75 ohm to insure lower signal distortion.

Anixter No.	Vendor No.	Description
194118	31-71064	RG-6 Type serial Digital Coax (Belden 1694A, 1695, 9114, 9248, 89248, 82248)
194121	31-71065	RG-6 Type serial Digital Coax (Belden 9290, Double Shield)
166930	31-71032	RG-59 Double Braided Type (Belden 8281, 8281B, 8281F, 9141, 9231, 88281, Clark CV752, AT&T 728)
194127	31-71008	For RG-59/62 - Belden 5539Y5, 8221, 8241, 8241A, 8241F, 8263, 8279, 8279A, 9209, 9209A, 9244
194128	31-71008-1000	For RG-59, 20 AWG C.C. - Belden 551945, 543945, 549945, 993256, 1505A, 1426A, 9659, 9259, 9240, 8212, 9274, 9275, 9100; Coleman 92074, 993253, 92094; AT&T 734A
194129	31-71008-2000	For RG-59 - Belden 89259, 92259, 89108, 82108, 1506A; RG-62 - Belden 6539Y8
166927	31-71033	For 735A coaxial cable; Coleman 993211
194130	31-71013	Miniature Coax (Belden 9221, RG-179)

Coax Connectors and Accessories

BNC Adapters



Anixter No.	Vendor	Vendor No.	Description	Figure
381452	TE Conn	5414414-1	Straight jack-jack, 50 ohms	A
210376	Amphenol	31-219-RFX	Straight jack-jack, 50 ohms	A
084418	Emerson	CP-AD555	Straight jack-jack, 50 ohms	A
166935	Amphenol	31-70019	Straight jack-jack, 75 ohms	A
160332	Amphenol	31-208-RFX	Tee jack-plug-jack, 50 ohms	B
381813	TE Conn	5413592-9	Tee jack-plug-jack, 50 ohms	B
089220	Amphenol	31-220N	Bulkhead jack-jack, 50 ohms	C
080790	Amphenol	31-9	Right-angle jack-plug, 50 ohms	D

Straight Between Series Adapters

Anixter No.	Vendor No.	Vendor	Description
089847	31-217	Amphenol	BNC plug to N jack
004671	GBNCFFM	Corning Gilbert	BNC female to F male
004670	GBNCFMF	Corning Gilbert	BNC male to F female
133962	27-8110	Emerson	BNC jack to RCA plug
424963	APH-NJ-TNCP	Amphenol	N jack to TNC plug
424969	APH-NJ-TNCJ	Amphenol	N jack to TNC jack
424979	APH-NP-TNCP	Amphenol	N plug to TNC plug

BNC Terminator

AMPHENOL



One-watt, BNC terminator plug.

Anixter No.	Vendor No.	Description
160333	46650-51RFX	BNC male, 50 ohms, 1 watt, 1%
318752	46650-93RFX	BNC male, 93 ohms, 1 watt, 1%
341687	46650-75RFX	BNC male, 75 ohms, 1 watt, 1%

TRI-LOC Connectors

KINGS ELECTRONICS CO INC

The Kings TRI-LOC connectors have been designed to satisfy interconnect requirements of digital color cameras using triaxial cable. The unique triaxial connector terminates to 75 ohm impedance cables and ensures low loss between cameras and control units.

Anixter No.	Vendor No.	Description
7705-2	7705-2	Plug for Belden cable 1856A, 1857A, 9267
7703-2	7703-2	Jack for Belden cable 1856A, 1857A, 9267

N-Type Connectors - Straight Plugs

AMPHENOL



Anixter No.	Vendor No.	Description
040481	82-61	For RG-8, RG-9, RG-213 and RG-214
179301	82-340-1052	For 9913, 9914 and LMR400
135071	82-202-1006	For 9913, 9914 and LMR400
075016	82-4426-1001	For ThickNet 9880 and 89980

N Straight Splice (Barrel) Adapters

AMPHENOL



Anixter No.	Vendor No.	Description	Figure
040480	82-101	Female to female	A
040479	82-100	Male to male	B

BNC Plug to N Jack Adapter

AMPHENOL



Anixter No.	Vendor No.	Description
089847	31-217	BNC plug to N jack

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Coax Connectors and Accessories

Coax Connectors for LMR400 Coax Cable

CONNEX CONNECTOR CORPORATION

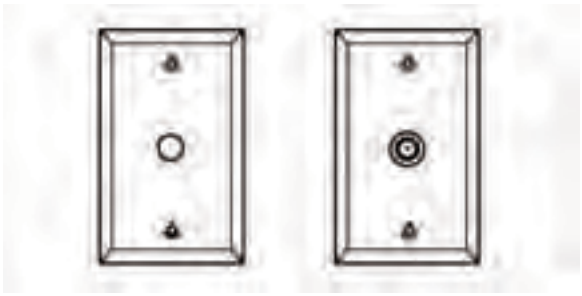


Anixter No.	Vendor No.	Description
283822	172102H243	N-type straight plug
283823	172102H243RP	N-type straight plug, reverse polarized
283824	122393	TNC-type straight plug
283825	122393RP	TNC-type straight plug, reverse polarized

Coax Accessories, Strip and Crimp Tools

Information Outlets

SEMTRON



Brushed 20 gauge stainless steel

Anixter No.	Type	Wallplate Size (Gang)	No. of Bulkheads	Description
080791	WP211JK	1	1-blank	Single-gang, 1-hole
093844	WP210JK	1	1	BNC JK-JK included

Coaxial Cable Strip Tools

COOPERTOOLS



Anixter No.	Vendor No.	Description
033657	2CSKB	Xcelite (2-bladed) coaxial, BNC
305601	3CSKGN	Xcelite green 3-step coaxial wire stripper cassette kit, BNC

Jumper Cordage Jacket Stripping Tool

The stripping tool can strip fiber optic jumper cordage 1.6 mm to 3.0 mm, as well as remove indoor PVC jackets measuring 3.8 mm and strip 16 to 26 AWG stranded. Plier-type.

Anixter No.	Vendor No.	Description
029836	45-121	IDEAL stripping tool
510329	700A	700A stripping tool (ST, STII, SC connectors), EZ method

Coax Cable Strippers

IDEAL INDUSTRIES

ADJUSTABLE COAX STRIPPER



The IDEAL cable stripper has a slide adjustment to accommodate RG-58, RG-59, RG-59/62, RG-8, Belden 8281, Thinnet plenum and twinaxial cable. Two- or three-level strips are available with interchangeable blade cassettes. These blades also can be adjusted individually. Can be used on most standard coaxial cable.

Anixter No.	Vendor No.	Description
150573	45-520	Stripper - three-step for 0.240 braid and dielectric for crimp BNC/ TNC connectors
150575	45-522	Replacement three-level blade for Part No. 150573 stripper
328299	45-526	Stripper - two step for 0.25 strip length for compression F-, BNC and RCA connectors
365884	45-524	Replacement two-step cassette for Part No. 328299 stripper

COAX CABLE STRIPPER



Use with twisted-pair wire, tightly wrapped stranded cables, CATV cable, CB antenna cable, SO, SJ, SJT and other types of flexible power cords. Adjustable blades can be set for any depth to ensure nick-free strips. Includes three straight and one round blade.

Anixter No.	Vendor No.	Description
103276	45-164	1/4 in. to 9/16 in. cable stripper, blue for RG-8/RG-11
038017	45-165	3/16 in. to 5/16 in. cable stripper, black for RG-59, UTP cable
442142	45-168	UTP/STP ringer stripper, one blade

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Coax Accessories, Strip and Crimp Tools

Crimp Tools

Anixter No.	Vendor No.	Coaxial	Description
140497	CTL-1	58/59/62	Hex crimp tool with dies
140499	CTL-2	6/174/179/187/188/316/8261	Hex crimp tool with dies
166925	CTL-6	RG58/59-20AWG,RGB,SVH	Hex crimp tool with dies
166924	CTL-8	6/59 with 20 AWG C.C.	Hex crimp tool with dies
160215	354940-1	59/62	Frame Pro Crimper II, without dies, 59/62
133100	58433-2	58/59/62	Pro Crimper crimp tool

Tech Tips

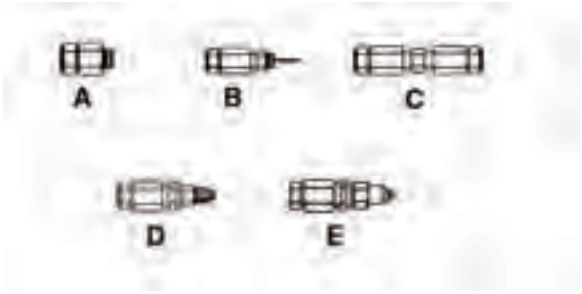
Do You Need Tools and Supplies?

Please see the Tools and Supplies section for more information on various terminating, stripping and crimping tools.

F-type KS Connectors and Adapters

F-type KS Aluminum Connectors with Integral Sleeves

CORNING GILBERT INC



0.500 ALUMINUM CONNECTORS WITH INTEGRAL SLEEVES

Anixter No.	Vendor No.	Figure
049528	GRS500BDU03	A
042515	GRS500CHDU03T	B*
036248	GRS500SPDU03	C
036249	GRS500BAFFDU03	D
037937	GRS500AFMDU03	E

* Long-pin version.

Combination Coring/Stripping Tool

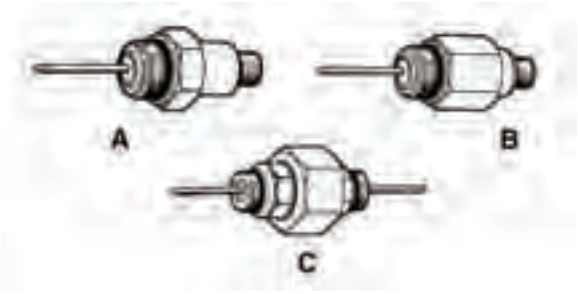


Core and strip coaxial cable in one operation. Designed for manual use or with a variable speed drill.

Anixter No.	Vendor No.	Description
041358	SCT-500	For .500 cable
041878	CST-500	For .500 cable

F-style KS Adapter

CORNING GILBERT INC



Anixter No.	Figure	Vendor No.	Description
049415	A	GF625CHT	F series to KS entry, long pin version
037940	B	GF625CHDCBT	F series to KS entry, terminates 60 cycle AC
022688	C	GKSKSM-T	Male splice adapter - rotational with long pin

F-adapter KS type

CORNING GILBERT INC



Anixter No.	Figure	Vendor No.	Description
043063	A	GP90T	Right angle connector to equipment, no extension, long pin
041800	B	GTRMT	KS port terminator - long pin

Adapter-splice Blocks

CORNING GILBERT INC



Universal splice for two connectors-allows for in-line and right-angle splicing.

Note: Gilbert accepts maximum center conductor of 1.50 diameter.

Illustration shown above is pictured as a reference only. Actual product may vary from this illustration.

Anixter No.	Vendor No.	Description
281595	G-SPB-2.00	Splicing block port spacing - 2.00

Video Coax Cable

Precision Video Coaxial Cables

BELDEN

For use in critical analog and digital video circuits and applications such as live broadcast in network studios and pre- or post-production facilities. Characteristic impedance is 75 ohm.



PLENUM

Anixter No.	Vendor No.	Description	Conductor Type	Dielectric Type/Jkt.	Shield Coverage	Nominal O.D. (in.)	NEC Rating
B1506A	1506A 0101000	RG-59/U Type - analog/digital	20 AWG Solid BC	FFEP/FRPVC	Foil + 95% TC Braid	0.196	CMP
B88281	88281 0101000	RG-59/U Type - analog	20 AWG Solid BC	FEP/Fluorocopolymer	98% Double TC Braid	0.271	CMP
B1695A	1695A 8771000	RG-6/U Type - analog/digital	18 AWG Solid BC	FFEP/FRPVC	Foil + 95% TC Braid	0.234	CMP
B7732A	7732A 0101000	RG-11/U Type - analog/digital	14 AWG Solid BC	FFEP/Fluorocopolymer	Foil + 95% TC Braid	0.348	CMP

NONPLENUM

Anixter No.	Vendor No.	Description	Conductor Type	Dielectric Type/Jkt.	Shield Coverage	Nominal O.D. (in.)	NEC Rating
B179DT	179DT 0101000	RG-179/U - analog/digital	28.5 AWG Solid BC	HDFPE/PVC	Foil + 95% TC Braid	0.100	CMR
B1855A-0	1855A 0101000	Sub-miniature RG-59/U Type - analog/digital	23 AWG Solid BC	FHDPE/PVC	Foil + 95% TC Braid	0.159	CMR
B1505A	1505A 0105000	RG-59/U Type - analog/digital	20 AWG Solid BC	FHDPE/PVC	Foil + 95% TC Braid	0.233	CMR
B8281	8281 0105000	RG-59/U Type - analog	20 AWG Solid BC	PE/PE	98% TC Double Braid	0.305	-----
B1694F	1694F B591000	RG-6/U Type - analog/digital	19 AWG Solid BC	FHDPE/PVC	94% TC Double Braid	0.276	CMR
B7731A	7731A 0101000	RG-11/U Type - analog/digital	14 AWG Solid BC	FHDPE/PVC	Foil + 95% TC Braid	0.400	CMR

75 ohm Coaxial Cable

BELDEN

Standard analog video cables, for use with computer and electronic equipment. These 75 ohm coaxial cables are available in a variety of RG styles, including RG-6, RG-11, RG-59 and dual RG-59.



NONPLENUM

Anixter No.	Description	Conductor Type	Dielectric Type/Jkt.	Shield Coverage	Nominal O.D. (in.)	NEC Rating
B8238	RG-11/UJAN-C-17A	18 AWG Str (7x26) TC	PE/PVC	97% BC Braid	0.405	CM
B8261	RG-11/U Type	18 AWG Str (7x26) TC	PE/PVC	97% BC Braid	0.405	-----
B9244	RG-59/U Type	22 AWG Solid CCS	PE/PVC	85% BC Braid	0.242	CMX
B9259	RG-59/U Type	22 AWG Str (7x30) TC	FPE/PVC	95% BC Braid	0.241	CM
B8221	RG-59/U Type	22 AWG Solid CCS	FPE/PVC	95% BC Braid	0.242	-----
B9555	RG-59/U Type, Dual	23 AWG Solid CCS	PE/PVC	95% BC Braid	0.238 x 0.478	CM
B8241	RG-59/U	23 AWG Solid CCS	PE/PVC	95% BC Braid	0.240	CM
B8263	RG-59B/UMIL-C-17D	23 AWG Solid CCS	PE/PVC (non-contam.)	95% BC Braid	0.242	CMX
B1426A	RG-59/U Type	20 AWG Solid BC	FHDPE/PVC	95% BC Braid	0.242	CM
B9248	RG-6/U Type	18 AWG Solid BC	FHDPE/PVC	AL MY 60% TC	0.270	CM
B9292	RG-11/U Type	14 AWG Solid BC	FHDPE/PVC	Foil + 60% TC Braid	0.405	-----

PLENUM

Anixter No.	Description	Conductor Type	Dielectric Type/Jkt.	Shield Coverage	Nominal O.D. (in.)	NEC Rating
B82241	RG-59/U Type	23 AWG Solid CCS	FEP/FRPVC	97% BC Braid	0.190	CMP
B82248	RG-6/U Type	18 AWG Solid BC	FFEP/FRPVC	Foil + 63% TC Braid	0.222	CMP
B89292	RG-11/U Type	14 AWG Solid BC	FFEP/FEP	Foil + 63% TC Braid	0.346	CMP, CATVP

CCS (Copper Covered Steel) center conductors should only be used for broadband applications like CATV/satellite, not for baseband video applications like CCTV/security surveillance or broadcast video.

Video Coax Cable

Video Triaxial Cables

BELDEN

Used to interconnect video cameras to related equipment, including DC power to camera, intercom to operator, teleprompter feeds, monitoring feeds and automatic or robotic functions. Available in RG-59/U or RG-11/U type.



SPECIFICATIONS

1. Nominal impedance 75 ohm
2. Bare copper conductors
3. Two 95% BC braids
4. PE insulation between braids
5. Jacket type and color as indicated below

Anixter No.	Vendor No.	Description	Conductor Type	Jacket Color and Type	Nominal O.D. (in.)	Weight lb./1,000 ft.
B8232	8232 0102000	RG-59/U Type	20 AWG Solid BC	Black Polyethylene	0.315	60.0
B8232A	8232A 0101000	RG-59/U Type	20 AWG Solid BC	Black PVC	0.315	68
B1856A	1856A B591000	RG-59/U Type	20 AWG Solid BC	Black Belflex	0.360	83
B1857A	1857A B591000	RG-59/U Type	22 AWG Str (19x34) TC	Black Belflex	0.360	86
B9267	9267 0101000	RG-59/U Type	20 AWG Solid BC	Black Polyethylene	0.360	77
B8233	8233 0102000	RG-11/U Type	14 AWG Solid BC	Black Polyethylene	0.475	120
B8233A	8233A 0101000	RG-11/U Type	14 AWG Solid BC	Black PVC	0.475	136
B1858A	1858A B591000	RG-11/U Type	15 AWG Str (19x27) BC	Black Belflex	0.520	157
B9232	9232 0101000	RG-11/U Type	15 AWG Str (19x27) BC	Black Polyethylene	0.520	145

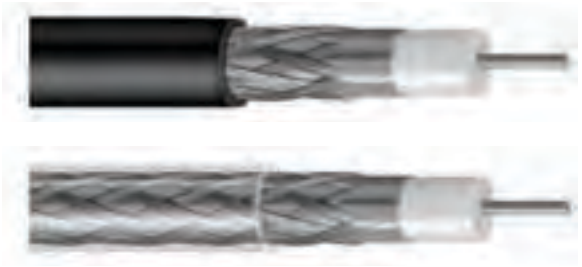
Coaxial Cable - 75 ohm Plenum and Nonplenum

COMMSCOPE-UNIPRISE SOLUTIONS

75 ohm coaxial cable for use in broadband video, video distribution and MATV.

Technical Information & Standards

Copper covered steel is for use on CATV only.
Bare copper can be used for CATV and CCTV.



PLENUM COAXIAL CABLE

Cables are rated CMP for plenum use.

Anixter No.	Vendor No.	Description	Conductor Type	Dielectric Type/Jkt.	Shield Coverage	Nominal O.D. (in.)	Material ID
9M5967001	2020K	Series 59	20 AWG Solid CCS	FFEP/PVDF-cream	Foil + 65% AL Braid	0.202	4135703/10
CS2039V	2039V	Series 59	20 AWG Solid CCS	FFEP/CommFlex-white	95% BC Braid	0.193	4124103/10
9M5995001	2041K	Series 59	23 AWG Solid CCS	FEP/PVDF-cream	95% BC Braid	0.197	4124003/10
CS2227V	2227V	Series 6 Quad Shield	18 AWG Solid CCS	FFEP/FRPVC-cream	2 Foil + 2-60% AL Braids	0.260	4112704/10
CS2275K	2275K	Series 6	18 AWG Solid CCS	FFEP/PVDF-cream	Foil + 60% AL Braid	0.239	4137003/10
CS2275V	2275V	Series 6	18 AWG Solid CCS	FFEP/FRPVC-white	Foil + 60% AL Braid	0.237	4138003/10
CS2276V	2276V	Series 6	18 AWG Solid CCS	FFEP/FRPVC-black	Foil + 90% AL Braid	0.237	4100903/10
CS2229V	2229V	Series 6	18 AWG Solid BC	FFEP/FRPVC-white	2 Foil + 60% AL + 40% AL Braid	0.264	4103904/10
CS2285K	2285K	Series 11	14 AWG Solid CCS	FFEP/PVDF-cream	Foil + 60% AL Braid	0.350	4136903/10
CS2287K	2287K	Series 11	14 AWG Solid CCS	FFEP/PVDF-cream	2 Foil + 60% AL + 40% AL Braid	0.373	4103304/10
CS2312V	2312V	0.500 in. Trunk Cable	10 AWG (0.109 in.) CCA	FFEP/FEP	AL Sheath (Tube)	0.524	4110273/24
CSP59DSCCS	P59DSCCS	Series 59	20 AWG Solid CCS	Foam FEP	AL + 65% Braid	0.135	8730003/10
CSP6DSCCS	P6DSCCS	Series 6	18 AWG Solid CCS	Foam FEP	AL + 60% Braid	0.242	8730303/10
CSP6QSCCS	P6QSCCS	Series 6	18 AWG Solid CCS	Foam FEP	AL + 60% Braid	0.260	8730404/10
CSPS59BC	PS59BC	Series 59	20 AWG Solid BC	Foam FEP	AL + 87% Braid	0.135	8730103/10
CSPS59BCPP	PS59BCPP	Series 59	20 AWG Solid BC	Foam FEP	AL + 87% Braid	0.135	8730203/10
CSS59BCPP	S59BCPP	Series 59	20 AWG Solid BC	Foam FEP	AL + 85% Braid	0.135	4621003/10

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Video Coax Cable

NONPLENUM COAXIAL CABLE

Cables listed feature foamed polyethylene dielectric with black FRPVC outer jacket. Cables are rated CM for use in nonplenum applications, except 5730R and 5740R rated CMR.

Anixter No.	Vendor No.	Description	Conductor Type	Shield Coverage	Nominal O.D. (in.)	Material ID
196476	5571	Series 59	20 AWG Solid CCS	Foil + 40% AL Braid	0.242	8264903/10
CS5730	5730	Series 6	18 AWG Solid CCS	Foil + 60% AL Braid	0.272	8202603/10
CS5765	5765	Series 6	18 AWG Solid BC	Foil + 95% TC Braid	0.272	8213403/10
CS5740R	5740R	Series 6 quad shield	18 AWG Solid CCS	2 Foil + 60% + 40% AL Braids	0.300	8213304/10
CS5781	5781	Series 6 quad shield	18 AWG Solid BC	2 Foil + 60% + 40% AL Braids	0.300	8223554/05
CS5915	5915	Series 11 quad shield	14 AWG Solid CCS	2 Foil + 60% + 40% AL Braids	0.405	8204803/10
CS5916	5916	Series 11	14 AWG Solid CCS	Foil + 60% AL Braid	0.405	8203603/10
CS5940	5940	Series 11 quad shield	14 AWG Solid CCS	2 Foil + 60% + 40% AL Braids	0.405	7413004/10
CS59BC	S59BC	Series 59	20 AWG Solid BC	95% BC Braid	0.242	4620003/10

COAXIAL CABLE FOR OUTDOOR USE

Cables listed feature foamed polyethylene dielectric with black polyethylene outer jacket. With floodant.

Anixter No.	Vendor No.	Description	Conductor Type	Shield Coverage	Nominal O.D. (in.)	Material ID
CS5917	5917	Series 11 Burial	14 AWG Solid CCS	Foil + 60% AL Braid	0.405	8292903/10

CCS (Copper Covered Steel) center conductors should only be used for broadband applications like CATV/satellite, not for baseband video applications like CCTV/security surveillance.

Coaxial Cable - 75 ohm Plenum and Nonplenum - Security/CCTV

COMMSCOPE-UNIPRISE SOLUTIONS

75 ohm coaxial cable for security applications.



75 OHM COAXIAL CABLE - PLENUM

Cables listed feature foamed FEP dielectric with white FRPVC jacket. Cables are CMP rated for plenum use.

Anixter No.	Vendor No.	Description	Conductor Type	Shield Coverage	Nominal O.D. (in.)	Material ID
CS2037V	2037V	RG-59	20 AWG Solid BC	95% BC Braid	0.193	4131603/10
CS2277V	2277V	RG-6	18 AWG Solid BC	95% BC Braid	0.237	4123803/10

75 OHM COAXIAL CABLE - NONPLENUM

Cables listed feature foamed polyethylene dielectric with black FRPVC jacket. Cables are rated CM for nonplenum use.

Anixter No.	Vendor No.	Description	Conductor Type	Shield Coverage	Nominal O.D. (in.)	Material ID
CS5553	5553	RG-59	20 AWG Solid BC	95% BC Braid	0.242	8836303/10
CS5554	5554	RG-59	20 AWG Solid BC + 2x18 AWG Str BC	95% BC Braid	0.242 x 0.484	4254203/10
CS5700	5700	RG-6	18 AWG Solid BC	95% BC Braid	0.272	8288203/10

75 OHM COAXIAL CABLE - OUTDOOR

Cables listed feature foamed polyethylene dielectric with black polyethylene jacket with floodant.

Anixter No.	Vendor No.	Description	Conductor Type	Shield Coverage	Nominal O.D. (in.)	Material ID
CS5520	5520	Series 59	20 AWG Solid BC	95% BC Braid	0.242	4209203/10
CS5920	5920	Series 11	14 AWG Solid BC	93% BC Braid	0.405	4229703/10
CS5720	5720	Series 6	18 AWG Solid BC	95% BC Braid	0.272	8288603/10

CCTV Coax Cable

New Generation CCTV/CATV Plenum Coaxial Cables

BELDEN



SPECIFICATIONS

1. CONDUCTOR: Solid bare copper (BC) or copper-covered steel (CCS)
2. INSULATION: Foam FEP
3. JACKET: Natural Flamarrest or fluorocopolymer where required. Sequential footage marked
4. TEMPERATURE: 75°C Flamarrest jackets, 125°C fluorocopolymer jacket

FEATURES

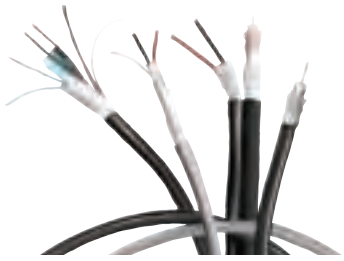
- B633938, B6439C8, B6439Q8-U1000 and B6139B8: CATV or MATV applications
- B613948, B6139B8 have white fluorocopolymer jackets; all others have natural Flamarrest jackets

Anixter No.	Vendor No.	Description	Nominal Capacitance (pF/ft.)	Nom. Vel of Prop.	AWG	Insulation Thickness (in.)	Shield Coverage	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B6539Y8	6539Y8 8771000	RG-62 A/U	13.5	84%	22	0.146	95% BC Braid	0.015	0.204	33	CMP
B643948	643948 8771000	RG-59/U CCTV	16.1	83%	20	0.135	95% BC Braid	0.015	0.193	32	CMP
B6439Q8-U1000	6439Q8 877U1000	RG-59/U CATV Quad	16.3	84%	20	0.135	Quad	0.015	0.230	34	CMP, CATV
B633938	633938 8771000	RG-6/U CATV/MATV	16.3	83%	18	0.170	Foil + 90% AL Braid	0.015	0.233	29	CMP, CATVP
B633948	633948 8771000	RG-6/U CCTV	16.3	83%	18	0.170	95% BC Braid	0.015	0.228	42	CMP
B6339Q8-U1000	6339Q8 877U1000	RG-6/U CATV Quad	16.3	83%	18 Solid BC	0.170	Quad	0.015	0.248	34	CMP, CATV
B613948-1000	613948 0091000	RG-11/U CCTV	16.1	84%	14 Solid BC	0.274	95% BC	0.023	0.348	90	CMP
B6139B8	6139B8 0091000	RG-11/U CATV/MATV	16.1	84%	14	0.274	Foil + 60% AL Braid	0.020	0.348	66	CMP, CATVP

CCS (copper-covered steel) center conductors should only be used for broadband applications like (CATV/satellite), not for baseband video applications like (CCTV/security surveillance). Passing plenum requirements has as much to do with the mass of material, not only the type. This is why larger constructions have flurocopolymer jackets.

New Generation CCTV/CATV Nonplenum Coaxial Cables

BELDEN



SPECIFICATIONS

1. CONDUCTOR: Solid bare copper (BC) or copper-covered steel (CCS)
2. INSULATION: Foam PE
3. JACKET: PVC. Sequential footage marked
4. TEMPERATURE: 75°C
5. NEC RATING: CM. 543945 and 533945 are also rated CMG (FT4)

FEATURES

- B5339Q5 and B5339B5: CATV or MATV applications

Anixter No.	Vendor No.	Description	Nominal Capacitance (pF/ft.)	Nom. Vel of Prop.	AWG	Insulation Thickness (in.)	Shield Coverage	Jacket Thickness (in.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B551945	551945 0101000	RG-59/U	17.3	78%	22	0.140	95% BC Braid	0.035	0.232	30	CM
B543945	543945 0101000	RG-59/U	16.3	83%	20	0.145	95% BC Braid	0.032	0.232	31	CMG
B5339B5	5339B5 0101000	RG-6/U	16.3	83%	18	0.180	Foil + 60% AL Braid	0.027	0.266	29	CM
B5339Q5	5339Q5 0101000	RG-6/U	16.3	83%	18	0.180	Quad	0.028	0.298	34	CM
B533945	533945 0101000	RG-6/U	16.3	83%	18	0.180	95% BC Braid	0.032	0.266	41	CM
B513945	513945 010500	RG-11/U	16.1	84%	14	0.280	95% BC Braid	0.048	0.405	98	CM

CCTV Coax Cable

CCTV Siamese Coaxial Cables

BELDEN

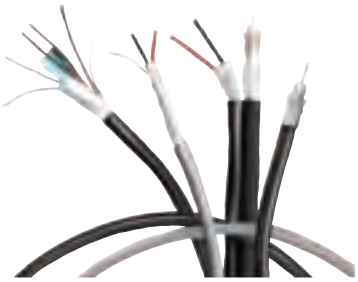
SPECIFICATIONS

For B549945:

1. CONDUCTOR: One RG-59/U coax plus 2/C 18 AWG stranded cable: siamese
2. INSULATION: Foam FPO (coax), PVC or PP (power pair)
3. JACKET: PVC
4. TEMPERATURE: 75°C

For B539945:

1. CONDUCTOR: One solid RG-6U coax plus 2/C 18 AWG stranded cable: siamese
2. INSULATION: Foam FPO (coax), PVC or PP (power pair)
3. JACKET: PVC
4. TEMPERATURE: 75°C



Anixter No.	Vendor No.	Description	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel of Prop.	AWG	Insulation Thickness (in.)	Shield Coverage	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Rating
B549945	549945 0101000	Composite coax: RG-59/U 20 AWG solid bare copper conductor, foam polyethylene polyolefin insulation, bare copper braid shield, black PVC jacket. Pair: AWG 18/ 7 bare copper conductors, PVC insulation, black PVC jacket	75	16.3	83%	20 Solid BC	0.145	95% BC	0.232 x 0.460	49	CMG
B539945	539945 0091000	Composite coax: RG-6/U 18 AWG solid bare copper conductor, foam polyethylene polyolefin insulation, bare copper braid shield, black PVC jacket. Pair: AWG 18/ 7 bare copper conductors, PVC insulation, black PVC jacket	75	16.3	83%	18 Solid BC	0.180	95% BC	0.232 x 0.485	53	CM

CCTV Coax Cable

CCTV Plenum Siamese Coaxial Cables

BELDEN

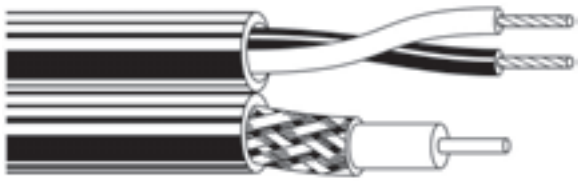
SPECIFICATIONS

For B649948-1000:

1. CONDUCTOR: One RG-59/U coax plus 2/C 18 AWG stranded cable; all plenum-rated
2. INSULATION: Foam FEP (coax)/Flamarrest (power pair)
3. JACKETS: Natural Flamarrest
4. TEMPERATURE: 75°C

For B639948-1000:

1. CONDUCTOR: One solid RG-6/U coax and stranded (1-pair cable, 18 AWG)
2. INSULATION: Foam FEP (coax) Flamarrest (power pair)
3. JACKET: Natural Flamarrest
4. TEMPERATURE: 75°C



Anixter No.	Vendor No.	Description	Nominal Imped. (Ohms)	Nominal Capacitance (pF/ft.)	Nom. Vel of Prop.	AWG	Insulation Thickness (in.)	Shield Coverage	Nominal O.D. (in.)	Rating
B649948-1000	649948 8771000	RG-59/U + 2C 18	75	16.3	83%	20 Solid BC	FFEP 0.135	95% BC	0.199 x 0.383	CM
B639948-1000	639948 8771000	RG-6/U + 2C 18	75	16.1	84%	18 Solid BC	FFEP 0.170	95% BC	0.232 x 0.416	CM

CATV Coaxial Drop Cable

BERK-TEK

Berk-Tek CATV coaxial drop cable is a high-quality, high-flex, 75 ohm cable with a universally acceptable design to give clear broadcast signals with minimal interference while also being easy to terminate.



PLENUM COAXIAL CABLE

Cables are rated CMP for plenum use.

Anixter No.	Vendor No.	Description	Conductor Type	Dielectric Type/Jkt.	Shield Coverage	Nominal O.D. (in.)
9M0660BT-01	10063439	RG-6	18 AWG Solid CCS	FFEP/FRPVC-white	Foil + 60% AL Braid	0.237
9M0660BTQS-01	10057996	RG-6 Quad	18 AWG Solid CCS	FFEP/FRPVC-white	2 Foil + 60% + 40% AL Braids	0.271

NONPLENUM COAXIAL CABLE

Cables listed feature foamed polyethylene dielectric with black FRPVC outer jacket. Cables are rated CM for use in nonplenum applications, except 5726R and 5740R rated CMR.

Anixter No.	Vendor No.	Description	Conductor Type	Dielectric Type/Jkt.	Shield Coverage	Nominal O.D. (in.)
9L0660BT-02	10063440	RG-6	18 AWG Solid CCS	FPE/FRPVC-black	Foil + 60% AL Braid	0.273
9L0660BTQS-02	10058001	RG-6 Quad	18 AWG Solid CCS	FPE/FRPVC-black	2 Foil + 60% + 40% AL Braids	0.297
9L1160BT-02	10063458	RG-11	14 AWG Solid CCS	FPE/FRPVC-black	Foil + 60% AL Braid	0.400
9L1160BTQS-02	10061906	RG-11 Quad	14 AWG Solid CCS	FPE/FRPVC-black	2 Foil + 60% + 40% AL Braids	0.407

CCS (Copper Covered Steel) center conductors should only be used for broadband applications like CATV and/or satellite, not for baseband video applications like CCTV or security surveillance.

CCTV Coax Cable

CommScope - Uniprise Solutions Security Products

COMMSCOPE - UNIPRISE SOLUTIONS



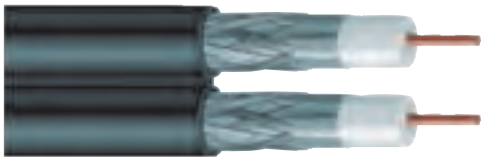
59 - 75 OHM

Anixter No.	Vendor No.	Description	Material ID
CS2037V	2037V	20 AWG, solid BC, foam FEP, 93% BC braid	4131603/10
CS2054V	2054V	20 AWG, solid BC, foam FEP, 93% BC braid, and 2-18 AWG pair	8721103/10
CS5520	5520	Series 59	4209203/10
CS5553	5553	20 AWG, solid BC, foam PE, 93% BC braid	8836303/10
CS5554	5554	20 AWG, solid BC, foam PE, 93% BC braid and 2-18 AWG pair	4254203/10
CS5554M	5554M	20 AWG, foam PE, 95% BC braid, with 2 - 18 AWG and messenger	4294803/10

6 - 75 OHM

Anixter No.	Vendor No.	Description	Material ID
CS2277V	2277V	18 AWG, solid BC, foam FEP, 92% BC braid	4123803/10
CS5654	5654	18 AWG, solid BC, foam PE, 92% BC braid, and 2 - 18 AWG	8288103/10
CS5700	5700	18 AWG, foam FEP, 92% BC braid	8288203/10
CS5720	5720	Series 6	8288603/10
CS2254V	2254V	18 AWG, solid BC, foam FEP, 92% BC braid and 2-18 AWG pair	4123003/10

11 - 75 OHM



Anixter No.	Vendor No.	Description	Material ID
CS2286K	2286K	14 AWG, solid BC, foam FEP, 95%, BC braid, Kynar jacket	4138303/10
CS5902	5902	Dual 14 AWG, solid BC, foam PE, 60% TC braid	4681803/10
CS5920	5920	Series 11	4229703/10
CS5904	5904	14 AWG, solid BC, foam FEP, 93% BC braid	8233303/10

Access Control Composite Cables



16 CONDUCTORS CONSISTING OF FOUR COMPONENTS, WITH A JACKET ON EACH COMPONENT FOR QUICK COMPONENT IDENTIFICATION, NONPLENUM

Anixter No.	Description
ACCESSJKTNONPLEN	Nonplenum, jacket

16 CONDUCTORS CONSISTING OF FOUR COMPONENTS, WITH EACH COMPONENT HAVING A FOIL SHIELD/DRAIN AND JACKET (FOR EASY ID), PLENUM

Anixter No.	Description
ACCESSJKTPLEN	Plenum, jacket

16 CONDUCTORS CONSISTING OF FOUR COMPONENTS, THE COMPONENTS ARE NOT JACKETED, PLENUM

Anixter No.	Description
ACCESSNOJKTPLEN	Plenum, no jacket

20 GAUGE, ONE CONDUCTOR, SOLID BARE COPPER, 95% BARE COPPER BREAK, COAXIAL CABLE, CMR, CCTV SECURITY VIDEO

Anixter No.	Description
RG59PVC-BX	CCTV security video cable

CCTV Coax Cable

BNC Plugs for CCTV/CATV



Designed for CCTV and CATV applications. These 75 ohm BNC connectors are designed to deliver the highest quality for sound and security applications.

BNC FOR PVC CABLE

Anixter No.	Vendor	Vendor No.	Description
251505	Emerson	CP-78-2	RG-59, PVC
251504	Emerson	28-90027	RG-6, PVC
166931	Amphenol	31-70000	For RG-6 - Belden 533945, 5339B5, 5399B5, 633948, 633938; Coleman 92045, 92061, 921003
2065-10-9	Kings	2065-10-9	1694A, 1695A, 7710A, 7711A, 7712A, 7713A
2065-2-9	Kings	2065-2-9	1505A, 1506A, 9259
194128	Amphenol	31-71008-1000	For RG-59, 20 AWG C.C. - Belden 551945, 543945, 549945, 993256, 1505A, 1426A, 9659, 9259, 9240, 8212, 9274, 9275, 9100; Coleman 92074, 993253, 92094; AT&T 734A
194127	Amphenol	31-71008	For RG-59/62 - Belden 5539Y5, 8221, 8241, 8241A, 8241F, 8263, 8279, 8279A, 9209, 9209A, 9244
166927	Amphenol	31-71033	For 735A coaxial cable; Coleman 993211
2065-8-9	Kings	2065-8-9	7731A, 8213

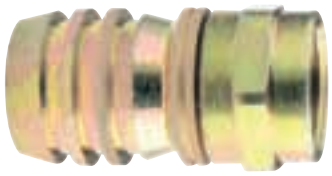
BNC FOR PLENUM CABLE

Anixter No.	Vendor	Vendor No.	Description
251505	Emerson	CP-78-2	RG-59, PVC
257834	Emerson	CP-78-10	RG-59, plenum
166931	Amphenol	31-70000	For RG-6 - Belden 533945, 5339B5, 5399B5, 633948, 633938; Coleman 92045, 92061, 921003
2065-10-9	Kings	2065-10-9	1694A, 1695A, 7710A, 7711A, 7712A, 7713A
239844	Amphenol	31-71035	For RG-59, 75 ohm coax. Belden 643948, 6439C8, 649948; Coleman 99969
2065-2-9	Kings	2065-2-9	1505A, 1506A, 9259
194129	Amphenol	31-71008-2000	For RG-59 - Belden 89259, 92259, 89108, 82108, 1506A; RG-62 - Belden 6539Y8
194128	Amphenol	31-71008-1000	For RG-59, 20 AWG C.C. - Belden 551945, 543945, 549945, 993256, 1505A, 1426A, 9659, 9259, 9240, 8212, 9274, 9275, 9100; Coleman 92074, 993253, 92094; AT&T 734A
2065-8-9	Kings	2065-8-9	7731A, 8213

F- and Compression Connectors

Universal F-connectors

CORNING GILBERT INC



One connector fits all RG-59 cables and one connector fits all RG-6 cables. Uses a 0.360-hex crimp.

Anixter No.	Vendor No.	Description
119011	GF59AHS/USA	Fits RG-59 cables
119012	GF6AHS/USA	Fits RG-6 cables

Nonplenum F-connector 360 Crimp

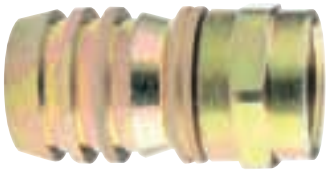
CORNING GILBERT INC



The 360 crimp F-connector is designed for superior moisture integrity. Provides 360° seal to the jacket.

Anixter No.	Vendor No.	Description
237251	GF-360-6	For RG-6 coax cable
237252	GF-360-6Q	For RG-6 quad shield coax cable
237254	GAF-360-11	For RG-11 coax cable
095946	HCT-986	Crimp tool for RG-6 and 59
043364	HCT-211	Crimp tool for RG-11

Nonplenum F-connectors



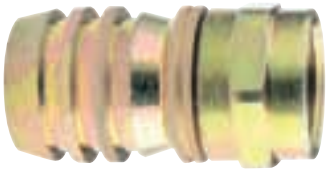
RG-6

Anixter No.	Vendor	Vendor No.	Braid Coverage
050080	Corning Gilbert	GF6AHS312	40% or less
103779	Corning Gilbert	GF6AHS322	40% to 60%
331742	T&B	AMF6	Up to 78% braid
167032	Emerson	25-7180	Gold irradiate
246089	Blonder Tongue	BTF-56 HEX	-----

RG-11

Anixter No.	Vendor	Vendor No.	Braid Coverage
109611	Corning Gilbert	GF11AHS460	Up to 90% has separate pin
087204	T&B	F11QS	40% up to quad shield
049707	Corning Gilbert	GF-1097-1	For RG-179B/U

Plenum F-connectors



RG-59

Anixter No.	Vendor	Vendor No.	Braid Coverage
112601	Corning Gilbert	GF59AHP312	Greater than 78% braid and quad shield

RG-6

Anixter No.	Vendor	Vendor No.	Braid Coverage
186250	Corning Gilbert	NS-5197-17	Has separate crimp ring
800257	T&B	PL56CS	-----
223875	T&B	PL56CH	Up to 78% braid

RG-11

Anixter No.	Vendor	Vendor No.	Braid Coverage
105403	T&B	PL11CS	-----

RG-11 PLENUM QUAD SHIELD

Anixter No.	Vendor	Vendor No.	Braid Coverage
101799	T&B	PL11QS	Quad shield
084705	Corning Gilbert	GF11AHP450	All
199066	Corning Gilbert	GF11300P-388	Quad, has separate crimp ring and contact

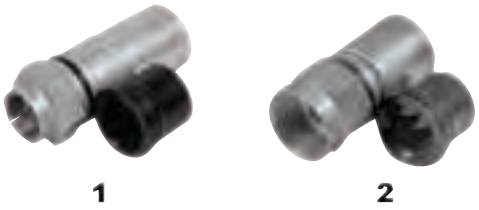
F- and Compression Connectors

Snap-N-Seal F-connectors (Compression)

BELDEN (FORMERLY T&B)

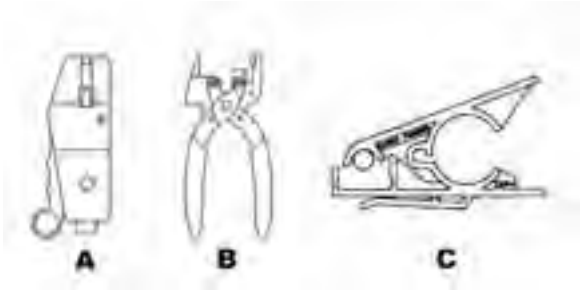
Snap-N-Seal connectors are environmentally sealed to protect drops from harsh environments. Through a unique 360° compression process, Snap-N-Seal connectors also offer the signal leakage protection required for today's systems.

SNAP-N-SEAL F-CONNECTORS MALE ENVIRONMENTALLY SEALED



Anixter No.	Vendor No.	Figure	Description
183517	SNS59	2	For RG-59 coax cable
183515	SNS6	2	For RG-6 coax cable
270473	SNS6PLA	2	For RG-6 plenum coax cable
204987	SNS59QS	2	For RG-59 quad-shield coax cable
182461	SNS6QS	2	For RG-6 quad-shield coax cable
523856	SNS11AS	1	For RG-11 coax cable

TOOLS FOR SNAP-N-SEAL F-CONNECTORS



Anixter No.	Vendor No.	Figure	Description
525787	CST596	C	Strip tool for RG-59 and RG-6
215348	CST596711	C	Strip tool for RG-59, RG-6 and RG-11
183516	IT1000	A	Tool, strips and installs for RG-6 and RG-59
523849	L3011B	B	Tool, installs for RG-11
216029	SNSUTL	-----	Tool, installs for RG-59 and RG-6

Snap-N-Seal Compression Connectors

BELDEN (FORMERLY T&B)

RG-6 ULTIMATE SNAP-N-SEAL

ULTIMATE SNAP-N-SEAL F series, 360°, one-piece compression connector for 60% braid, trishield and quad shield. Cable retention exceeds 40 lb. minimum with superb return loss of -30 dB to 1 GHz.

Anixter No.	Vendor No.	Description
340507	SNS1P6U	For RG-6 coax cable, 60% to quad shield, red sleeve

F-CONNECTORS

LRC SNAP-N-SEAL F series, 360°, one-piece compression connector for RG-59, headend and RG-6 coax cable. Cable retention exceeds 40 lb. minimum with superb return loss of -30 dB to 1 GHz.

Anixter No.	Vendor No.	Description
340112	SNS1P59	For RG-59 coax cable, orange sleeve
340510	SNS1P59QS	For RG-59 quad shield coax cable, green sleeve
340828	SNS1P59HEC	For RG-59 95% shield coax cable, white sleeve
525343	SNS59HEC	For RG-59 coax cable, white sleeve
314669	SNS1P6	For RG-6, blue sleeve
340511	SNS1P6QS	For RG-6 quad shield coax cable, violet sleeve

BNC CONNECTORS

LRC SNAP-N-SEAL BNC connectors are high-performance, 75 ohm, true 360° compression for RG-59, headend and RG-6 coax cable.

Anixter No.	Vendor No.	Description
354191	SNS1P59BNC	For RG-59 coax cable, orange sleeve
354193	SNS1P6BNC	For RG-6 coax cable, blue sleeve
354194	SNS1P6QSBNC	For RG-6 quad shield coax cable, violet sleeve

RCA CONNECTORS

SNAP-N-SEAL RCA series, 360°, one-piece compression connector for RG-6 coax cable. Cable retention exceeds 40 lb. minimum with superb return loss of -30 dB to 20 MHz.

Anixter No.	Vendor No.	Description
282326	SNS1P6RMBL	For RG-6, blue sleeve
282327	SNS1P6RMY	For RG-6, yellow sleeve
282328	SNS1P6RMW	For RG-6, white sleeve
282329	SNS1P6RMR	For RG-6, red sleeve
282330	SNS1P6RMG	For RG-6, green sleeve
282331	SNS1P6RMBK	For RG-6, black sleeve

F- and Compression Connectors

UltraEase Compression Connectors

CORNING GILBERT INC



This series of compression connectors combines ease of installation with superior performance. UltraEase compression technology provides 360 degrees of contact to the cable, providing excellent RF shielding integrity and a complete seal to the cable jacket that locks out moisture.

F-CONNECTORS

Anixter No.	Vendor No.	Description
275710	GF-UE-59	For RG-59 coax cable - 60% to trishield, color band black
283589	GF-UE-59Q	For RG-59 quad shield coax cable, color band green
275711	GF-UE-6	For RG-6 coax cable - 60% to trishield, color band gold
275712	GF-UE-6Q	For RG-6 quad shield coax cable, color band silver
236249	GAF-UST-11	For RG-11 coax cable
236251	GAF-UST-11Q	For RG-11 quad shield coax cable

BNC CONNECTORS

Anixter No.	Vendor No.	Description
340503	GA-BNC-UE-59	For RG-59 60% to trishield coax cable, color band black
340504	GA-BNC-UE-59Q	For RG-59 quad shield coax cable, color band green
340505	GA-BNC-UE-6	For RG-6 60% to trishield coax cable, color band gold
340508	GA-BNC-UE-6Q	For RG-6 quad shield coax cable, color band silver

RCA CONNECTORS

Anixter No.	Vendor No.	Description
340499	GA-RCA-UE-59	For RG-59 60% to trishield, color band black
340500	GA-RCA-UE-59Q	For RG-59 quad shield coax cable, color band green
340501	GA-RCA-UE-6	For RG-6 60% to trishield coax cable, color band gold
340502	GA-RCA-UE-6Q	For RG-6 quad shield coax cable, color band silver

PREP AND COMPRESSION TOOLS

Anixter No.	Vendor No.	Description
236252	G-CPT-6590	Prep tool for RG-6 and RG-59
236254	GCATUNIVERSL-FX	Compression tool for RG-6 and RG-59
236253	G-CPT-1100	Prep tool for RG-11
284513	G-CAT-AS	Compression tool for RG-11

UltraRange Compression Connectors

CORNING GILBERT INC

High-performance compression connectors with a wide range of braided coax cable for RG-6, RG-11 and RG-59. One-piece design with 360° of contact with the coax cable.

F-CONNECTORS

Anixter No.	Vendor No.	Description
329606	GF-UR-6	For RG-6 PVC, 60% to quad shield
329608	GF-UR-59-HEC	For headend RG-59 PVC, 2-95% shield
336680	GF-UR-6-PL	For RG-6 plenum, 60% to quad shield
338875	GF-UR-59	For RG-59 PVC, 60% to quad shield
410468	GAF-UR-11-MH	For RG-11 PVC, 60% to quad shield
340476	GAF-UR-11-PL	For RG-11 plenum, 60% to quad shield

BNC CONNECTORS

Anixter No.	Vendor No.	Description
341427	GA-BNC-UR-6	For RG-6 PVC, 60% to quad shield
341428	GA-BNC-UR-59	For RG-59 PVC, 60% to quad shield
341429	GA-BNC-UR-59-HEC	For headend RG-59 PVC, 2-95% shield

F Crimp Kits and Tools

Hex Crimp Tools for F-connectors

CABLE PREP



Each tool is complete without the inconvenience of changing the jaws.

CRIMP TOOLS

Anixter No.	Ben Hughes No.	Hex Size Major	Minor	Contact	Crimps
043364	HCT-211	0.475	-----	0.096	RG-11
095946	HCT-986	0.360	0.324	-----	RG-59 - RG-59 quad - RG-6 and RG-6 quad
036525	HCT-659	0.324	0.262	-----	RG-59 - RG-6

CABLE STRIPPER



Anixter No.	Vendor No.	Description
130887	CPT-6590	Cable stripper for RG-6 and RG-59

60807 Compression Crimping Tool

GREENLEE



The 60807 Compression Crimping Tool terminates most types of compression connectors with ease. The tool is fully adjustable to accommodate multiple connector types from an assortment of manufacturers. Crimping dies are supplied for terminating F-style and RCA connectors, with convenient storage for the extra parts built into the handle.

FEATURES

- Requires less force than a traditional hex-style crimp
- Ergonomic Sanoprene grips reduce hand fatigue
- Terminates most compression-style connectors
- Fully adjustable for crimping different coax connector types

Anixter No.	Vendor No.	Description
306737	60807	Compression crimping tool

Cable TV Coax Termination Kit

GREENLEE



Contains the tools and connectors necessary for installing a cable TV system. Durable zipper case protects and organizes tools and includes a see-through pouch for storing connectors. Outside pockets provide convenient storage of instruction manuals or worksite documents.

FEATURES

- Cable TV coax termination kit
- Cable cutter
- KWIK STRIPPER CATV stripper, two-level stripper for RG-6, RG-59, RG-7, RG-11
- KWIK CYCLE 9-in. crimp frame with die set for F-style connectors on RG-6 and RG-59 cable
- F-connector insertion tool
- RG-6 quad-shield 50/pack
- Zipper case

Anixter No.	Vendor No.	Description
306294	45466	Cable TV coax termination kit

Tech Tips

Do You Need Tools and Supplies?

Please see the Tools and Supplies section for more information on various terminating, stripping and crimping tools.

F Adapters and Accessories

Female F-series Adapter



F-series splice. Nut and washer available.

Anixter No.	Vendor No.	Vendor	Description
163328	GF81	Corning Gilbert	Without nut and washer
044453	GF81A	Corning Gilbert	Without nut and washer, .81 in. long
271666	209379	Arris International	1.4 in. long with nut and washer
127761	RF-81	Regal	1.1 in. long without nut and washer
050544	F81/HDW	T&B	With nut and washer

F-series Panel Nut, Washer and Locking Sleeve

CORNING GILBERT INC



Anixter No.	Vendor No.	Figure	Description
112963	G375SPCL	A	F-series panel nut 3/8-32 thread, 7/16 in. thick
029779	G375	A	F-series panel nut 3/8-32 thread, 1/2 in. thick
031706	GA10035	B	F-series washer

Ground Block

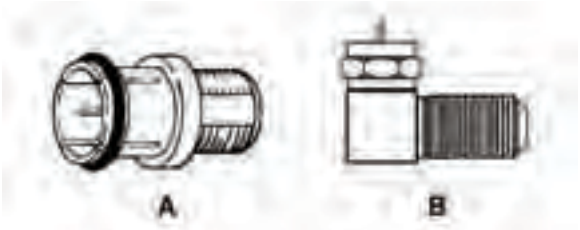
REGAL TECHNOLOGIES



Regal ground blocks employ a brass F-81 splice connector with two flat ports to provide a proper ground path between the 75 ohm drop cable and ground wire up to 8-gauge.

Anixter No.	Vendor No.	Description
086272	RGB-81	Brass F-81 ground block

F-series Adapters



Anixter No.	Figure	Vendor	Vendor No.	Description
004445	A	Corning Gilbert	GPF59	F quick disconnect female to male
104022	B	Corning Gilbert	GFMF90	F right angle female to male
100266	B	Crown	F90	F right angle female to male

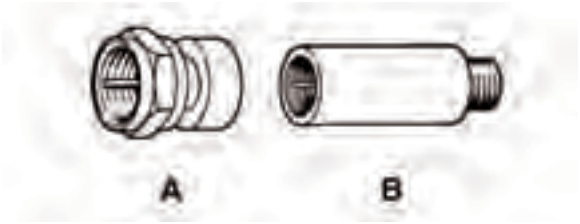
BNC to F Adapters

CORNING GILBERT INC



Anixter No.	Figure	Vendor No.	Description
004670	A	GBNCFMF	BNC male to F female
004671	B	GBNCFFM	BNC female to F male
004704	C	GF71M	F male to F male

F-series RF Terminator



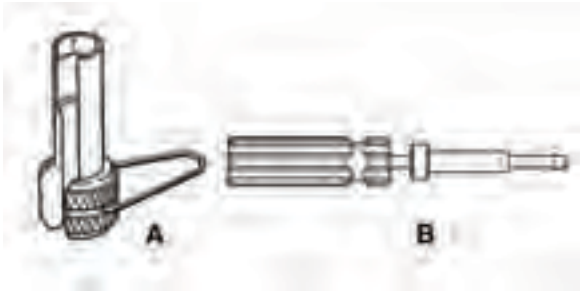
Terminates RF signals. Non-locking fixed body.

Anixter No.	Figure	Vendor	Vendor No.	Description
137816	A	Regal	RF-59T	F male terminator
178724	A	Corning Gilbert	GTR59A	F male terminator
021946	B	Corning Gilbert	GTP59	F male terminator - theft-proof
220531	-----	Blonder Tongue	BTF-TP	F male terminator

F Adapters and Accessories

F-series Tools

CORNING GILBERT INC



Use to install F-style connectors and general terminators into security shields. For use with all sleeves above.

Anixter No.	Vendor No.	Figure	Description
042514	G-S-200	A	Security sleeve tool
146804	GGTT-7	B	Locking terminator tool

Video Broadband Products

Broadband Distribution Amplifier - BIDA

BLONDER TONGUE



The BIDA Series is a professional-quality, broadband, two-way capable, indoor hybrid distribution amplifier. These amplifiers are designed for RF distribution systems in such applications as apartment complexes, hospitals, schools, prisons, hotels and a wide variety of similar applications. The BIDA series is ideal for multichannel distribution networks, supplied by cable TV or multichannel MATV/SMATV/CATV headends. It is also suitable as a launch amplifier in broadband fiber optic networks. The BIDA physical dimensions are 7.1 in. x 11.5 in. x 2.7 in. It is equipped with side flanges for wall or ceiling mounting, but can be rack-adapted via attachment to an 8 in. x 19 in. blank filler panel. The BIDA is offered in various frequencies (550, 750, 860 and 1,000 MHz) as well as gain ranges of 30 dB and 50 dB in the 550 models, and 32 dB and 43 dB in the 750 models.

DISTRIBUTION AMPLIFIERS

Anixter No.	Vendor No.	Description
217230	BIDA 550-30	50 to 550 MHz, 30 dB gain
142881	BIDA 550-50	50 to 550 MHz, 50 dB gain
217100	BIDA 750-30	50 to 750 MHz, 30 dB gain

RETURN PATH OPTIONS

Anixter No.	Vendor No.	Description
217103	BIDA-RF	Subsplit diplex filter modules (two required) for bi-directional conversion
217104	BIDA-RA	5 to 30 MHz, 24 dB gain return amplifier module for bi-directional conversion with amplification
217101	BIDA 75A-30	49 to 750 MHz forward, 32 dB gain, 5 to 36 MHz, 20 dB gain reverse path
217102	BIDA 75A-43	49 to 750 MHz forward, 43 dB gain, 5 to 36 MHz, 20 dB gain reverse path
266541	BIDA-100A-30	49 to 1,000 MHz forward, 32 dB gain, 5 to 36 MHz, 20 dB gain reverse path

SXRS/SCVS/SDS Indoor Grade Trunk Splitters

BLONDER TONGUE



The SXRS/SCVS/SDS series trunk splitters have a bandwidth performance of 5 to 1,000 MHz, and are enclosed in die-cast housings, with 120 dB-rated RFI shielding. These devices are formed with mounting tabs for attachments to flat surfaces and have a ground lug suitable for network grounding.

The SXRS Series are balanced (equal insertion loss per output port) splitters, offered in 2-, 3-, 4-, 8-, 12- and 16-split models. The splitters are for typical indoor distribution RF networks where power passing is unnecessary.

Anixter No.	Vendor No.	Description
217815	SXRS-2	2-way balanced, in-line style
217817	SXRS-3	3-way balanced, 120 dB
217816	SUV-3	3-way balanced, 80 dB
217818	SXRS-4	4-way balanced
217819	SXRS-8	8-way balanced, L style
330146	SDS-12	12-way balanced
330149	SDS-16	16-way balanced
280125	SCVS-2	2-way balanced, L style
345637	SCVS-6	6-way balanced, L style
278924	SCVS-8	8-way balanced, L style

Indoor-grade Directional Coupler/Tap and Multitap

BLONDER TONGUE



The SRT series directional couplers have a bandwidth performance of 5 to 1,000 MHz and are enclosed in metal housings with 120 dB-rated RFI shielding. These tapping devices are perfectly suited to large indoor distribution tap-down networks and offered in 1-, 2-, 4- and 8-tap models, with a broad range of tap-down values. The single-port models are generally used as short-leg, low-insertion loss taps on trunks or for single-drop cable for two jacks within a room. The 2-, 4- and 8-port models are for strategic tap points along the trunk or for star wiring from the closet. These taps are non-power passing with the lowest value 2-, 4- and 8-port models internally terminated as end-of-line devices. All models are equipped with predrilled mounting tabs for attachment to flat surfaces.

Continued on next page >>

Video Broadband Products

(continued) Indoor-grade Directional Coupler/Tap and Multitap

SINGLE-PORT

Anixter No.	Vendor No.	Description
217829	SRT-4	4 dB tap
217828	SRT-6	6 dB tap
217827	SRT-9	9 dB tap
217826	SRT-12	12 dB tap
217825	SRT-16	16 dB tap
217824	SRT-20	20 dB tap
217823	SRT-24	24 dB tap
217822	SRT-27	27 dB tap
217820	SRT-30	30 dB tap

TWO-PORT

Anixter No.	Vendor No.	Description
217839	SRT 2A-4	4 dB tap
217838	SRT 2A-8	8 dB tap
217837	SRT 2A-11	11 dB tap
217836	SRT 2A-14	14 dB tap
217835	SRT 2A-17	17 dB tap
217834	SRT 2A-20	20 dB tap
217833	SRT 2A-23	23 dB tap
217832	SRT 2A-26	26 dB tap
217831	SRT 2A-29	29 dB tap
217830	SRT 2A-32	32 dB tap

FOUR-PORT

Anixter No.	Vendor No.	Description
217851	SRT 4A-8	8 dB tap
217850	SRT 4A-11	11 dB tap
217849	SRT 4A-14	14 dB tap
217848	SRT 4A-17	17 dB tap
217847	SRT 4A-20	20 dB tap
217845	SRT 4A-23	23 dB tap
217844	SRT 4A-26	26 dB tap
217843	SRT 4A-29	29 dB tap
217842	SRT 4A-32	32 dB tap
217841	SRT 4A-35	35 dB tap

EIGHT-PORT

Anixter No.	Vendor No.	Description
254612	SRT 8A-11	11 dB tap
254613	SRT 8A-14	14 dB tap
254614	SRT 8A-17	17 dB tap
254615	SRT 8A-20	20 dB tap
254616	SRT 8A-23	23 dB tap
254619	SRT 8A-26	26 dB tap
254620	SRT 8A-29	29 dB tap
254621	SRT 8A-32	32 dB tap
254622	SRT 8A-35	35 dB tap

Rack-mounted Two-way Distribution Amplifier

BLONDER TONGUE



The RMDA-ARP (active return path) is a rack-mounted, two-way broadband distribution amplifier. Utilizing push-pull hybrid amplifier technology, it is ideal for MATV, SMATV or CATV applications. The amplifier has a forward bandwidth of 54 to 860 MHz with a gain of 30 dB. The reverse path of 5 to 40 MHz is field-configurable for active or passive operation.

Anixter No.	Vendor No.	Description
275524	RMDA 86A-30	860 MHz, 30 dB push-pull amp with active return path

Fixed Attenuator Pads

PICO DIGITAL INC



Fixed attenuators are nickel-plated brass passives that uniformly reduce signal strength within a drop line and can be coupled for increased attenuation.

Anixter No.	Vendor No.	Attenuation
142752	FAM-3	3 dB
142753	FAM-6	6 dB
142755	PPFAM-8	8 dB
142757	FAM-10	10 dB
142758	FAM-12	12 dB
142760	PPFAM-16	16 dB
142761	FAM-20	20 dB

Video Broadband Products

A/B Switch

REGAL TECHNOLOGIES



Regal's A/B switch is a high-isolation switch for selecting between two input signal sources such as an off-air antenna and an RF video drop. Gold-plated contacts, a heavy-duty inner housing and a rugged plastic outer case ensure long-term reliability. 5 to 1,000 MHz.

Anixter No.	Vendor No.	Description
130684	RABS-10	A/B switch

AP-60-860A - Agile Processor

BLONDER TONGUE



The IPAT (IP ASI Transcoder) is a bi-direction IP ASI transcoder that accepts MPEG-2-/4-encoded input streams in 1,000. Two factory-installed optional modules (the RF IN and the RF OUT) allow input/output in QAM and 8VSB formats rendering the product suitable for a wider range of applications. BASE-T Ethernet (GbE) and ASI formats simultaneously. GbE input is transcoded to ASI output while ASI input is transcoded to GbE output. An integrated Web server provides comprehensive GUI-based local and remote control/monitoring thru any standard Web browser via a front-panel 10/100BASE-T interface.

FEATURES

- As an agile analog heterodyne processor: accepts one analog RF input (CATV sub-band channels T7-T13, CATV standard channels 2-135, VHF channels 2-13, and UHF channels 14-69) and delivers one analog RF output (CATV standard channels 2-135)
- As an agile digital heterodyne processor: accepts one digital cable QAM input (CATV sub-band channels T7-T13, and CATV standard channels 2-135) and delivers one digital cable QAM output (CATV standard channels 2-135)
- As an agile digital-to-analog processor: accepts one digital off-air 8VSB or digital cable QAM input (CATV standard channels 2-135, VHF channels 2-13, and UHF channels 14-69) and delivers one analog RF output (CATV standard channels 2-135)
- Equipped with EAS interface which can also be used as an IF (intermediate frequency) input
- Supports closed captioning (EIA-608)

Anixter No.	Vendor No.	Description
443011	AP-60-860A	Agile Processor, +60 dBmV, 54-860 MHz output

Digital High-definition Processor - DHDP Series

BLONDER TONGUE



The DHDP series is a two-module system consisting of one down-converter module and one up-converter module. The down-converter accepts one 8VSB (digital off-air) input in the 54-864 MHz range and delivers one output in IF (intermediate frequency) format. The up-converter accepts one IF input and delivers one output in 8VSB format.

FEATURES

- Agile Broadcast (UHF, VHF) and CATV (Standard, HRC, and IRC) channel assignments in the 54-864 MHz range
- Compatible with digital TV and high-definition TV applications
- Compact design allows for deployment of six combo modules in 2RU rack space

Anixter No.	Vendor No.	Description
274876	BTY-10-U	Recommended off-air antenna
329304	MIPS-12C	HE-12 Series power supply
274868	DHDC-DH	Down-converter horizontal
274870	DHDC-DV	Down-converter vertical
274871	DHDC-UH	Up-converter horizontal
274872	DHDC-UV	Up-converter vertical
329307	MIRC-12V	HE-12 chassis

Digital-to-Analog Processor - DAP Series

BLONDER TONGUE



The DAP accepts one input in 8VSB (digital off-air) or QAM (digital cable) format, and delivers one output in modulated analog RF format. DAP PLUS is the same as DAP, but includes the AFD broadcast package. AFD (active format description) is a standard set of codes embedded in the video stream and used by digital television broadcasters to optimally display a 16:9 video format on an analog television set designed for 4:3 video format.

Both DAP and DAP PLUS can be equipped with an optional RNC module (remote network card) for remote monitoring and control operations. One RNC module can monitor and control up to sixty-four DAP/DAP PLUS units installed in a headend. Additionally, DAP PLUS can be equipped with an optional ASI module (asynchronous serial interface) that delivers two identical ASI stream outputs, allowing a seamless migration to an all-digital platform.

Continued on next page >>

Video Broadband Products

(continued) Digital-to-Analog Processor - DAP Series

FEATURES

- Agile Broadcast (UHF, VHF) and CATV (Standard, HRC and IRC) channel assignments in the 54-864 MHz range
- Supports EAS (emergency alert system) input which can also be used as an IF (intermediate frequency) input
- Automated scanning captures all available off-air or cable programs present on the input signal
- Supports both the primary and the SAP (secondary audio program) audio programs
- Output power level range of +50 to +62 dBmV adjustable in 0.2 dB increments
- Supports Closed Captioning (EIA-608)

Anixter No.	Vendor No.	Description
369371	DAP	Digital to analog processor
369375	DAP-RNC	DAP equipped with remote network (only one required per headend)

Frequency Agile Audio/Video Modulator - AM Series

BLONDER TONGUE



The AM series is a professional-quality, frequency-agile audio/visual RF channel modulator, designed to accept a standard NTSC baseband video signal and an unbalanced line level audio signal, converting them to a broadband channel. Commonly configured frequency ranges of 50 to 550 MHz or 50 to 806 MHz with +60 dBmV signal level output. This is the ideal modulator for small- to medium-sized CATV headends or for schools, businesses or wherever the application arises. Frequency agility allows "on-the-fly" tuning to any unused or filtered channel in any of the three cable TV channel plan formats. The AM is designed within a 19 in. x 1.75 in. x 14.5 in. rack aluminum chassis with a 3-wire, 120 V AC appliance cord for powering.

Anixter No.	Vendor No.	Description
244520	AM-60-550 W/OPT 4	7-550 MHz, + 60 dBmv sub-band output
244508	AM-60-550	50-550 MHz, + 60 dBmv
267518	AM-60-806	50-750 MHz, +60 dBmv

ATSC/QAM Demodulator - AQD

BLONDER TONGUE



The AQD accepts one input in 8VSB (digital off-air) or QAM (digital cable) format, and delivers one output in NTSC composite analog audio/video format.

The AQD allows delivering of a digital off-air program to viewers with an analog TV set. It also allows an operator to cherry-pick channels from a "clear" QAM cable lineup.

The AQD PLUS is the same as AQD, but includes the AFD broadcast package. AFD (active format description) is a standard set of codes embedded in the video stream and used by digital television broadcasters to optimally display a 16:9 video format on an analog television set designed for 4:3 video format.

FEATURES

- Input standards supported are digital off-air (8VSB) and digital cable (QAM 64 and 256)
- NTSC composite analog audio/video output is in 480i format and supports closed captioning (EIA-608)
- Optional AQD-RCS module allows remote monitoring and configuration of up to 80 AQD modules
- Optional AQD-SPS unit provides standby utility power to the primary power supply (AQD power and control module)

Anixter No.	Vendor No.	Description
339475	AQD	ATSC/QAM demodulator - module
339476	AQD-PCM	ATSC/QAM demodulator - power supply
339477	AQD-CH	ATSC/QAM demodulator - chassis
353273	AQD/QT	Standby power supply, AQD-SPS
353274	AQD-REMOTE	Configuration server, RCS

QAM Encoder

BLONDER TONGUE



The HDE-2H-QAM (HD Encoder - 2xHDMI/YPbPr - QAM) accepts and auto-detects up to two input streams in unencrypted HDMI & YPbPr (component) formats. The encoder, when applicable, digitizes and MPEG-2 encodes each input into a high-definition stream (HD-1080i/720p), and then multiplexes the resulting two streams into one output in QAM format in the 5.75-864 MHz range (CATV channels T7-T14 and 2-135). Any combination of input multiplexing is allowed, for example, 2x HDMI, or (1xHDMI)+(1xYPbPr). The encoder supports Dolby Digital AC-3 encoding and Closed Captioning, and is equipped with an EAS (Emergency Alert System) interface and an ancillary ASI output port. A front-panel RF test point allows for monitoring/testing of the QAM output without service interruption. Comprehensive remote monitoring and control is accomplished using any standard Web browser via a front-panel 10/100BASE-T Ethernet connection. The HDE-2C-QAM is identical to HDE-2H-QAM, but it does not support the HDMI input. It accepts only two inputs in YPbPr (Component) format.

FEATURES

- Digitizes, encodes and multiplexes up to two HDMI and/or YPbPr inputs into one digital QAM output
- Provides sub-band QAM output channels T7-T14 (suitable for digital return-path applications)
- Compatible with NTSC analog format, and ITU Annex A and B digital QAM formats
- Comprehensive GUI-based monitoring and control menu via Web browser
- Real-time Dolby Digital (AC-3) audio encoding
- Provides a front-panel ancillary ASI output
- Supports EIA-608 Closed Captioning
- Supports QAM 1024 modulation

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Video Broadband Products

- Supports PSIP configuration
- Equipped with EAS interface

Anixter No.	Vendor No.	Description
423741	HDE-2C-QAM	Two component input encoder, agile QAM output
423743	HDE-2H-QAM	Two HDMI component encoder, agile QAM output

IPAT-IP ASI Transcoder

BLONDER TONGUE



The IPAT (IP ASI Transcoder) is a bi-direction IP ASI transcoder that accepts MPEG-2/-4-encoded input streams in 1,000. Two factory-installed optional modules (the RF IN and the RF OUT) allow input/output in QAM and 8VSB formats rendering the product suitable for a wider range of applications. BASE-T Ethernet (GbE) and ASI formats simultaneously. GbE input is transcoded to ASI output while ASI input is transcoded to GbE output. An integrated Web server provides comprehensive GUI-based local and remote control/monitoring thru any standard Web browser via a front-panel 10/100BASE-T interface.

FEATURES

- ASI input/output interface
  -Supports Single or Multi Protocol Transport Services (SPTS or MPTS)
  -Performs PCR (Program Clock Reference) correction
  -Allows null packet insertion and deletion
- GbE input/output interface
  -Provides robust protection against IP network jitter and delay
  -Performs PCR (Program Clock Reference) replacement
  -Supports Uni- and Multi-cast thru RTP/UDP protocols
  -Supports IPv4, ARP, IGMPv2, and ICMP protocols

Anixter No.	Vendor No.	Description
443002	IPAT	GbE-to-ASI and ASI-to-GbE transcoder
443003	IPAT-RFO	IPAT equipped with RF OUT module
443008	IPAT-RFI	IPAT equipped with RF IN module

HD/SD/NTSC-to-ASI Encoder - HDE-ASI

BLONDER TONGUE



The HDE-ASI Encoder accepts and auto-detects input streams in HD-SDI, SD-SDI, and analog NTSC formats, and delivers one HD/SD MPEG-2 encoded output in ASI format. Additionally, a multichannel output in DVI format is available for preview and testing purposes. The standard audio program of the digital inputs is encoded in Dolby AC-3 format. Optional Dolby 5.1 is available. Remote monitoring and control is accomplished using any standard Web browser.

FEATURES

- Three available input modes: 1xHD(1080i), 1xHD(720p) + 2xSD/NTSC and 4xSD/NTSC
- GUI-based monitoring and control menu via Web browser
- Standard real-time Dolby AC-3 audio encoding
- Optional real-time Dolby 5.1 audio encoding
- Multichannel preview via front-panel DVI interface
- Supports Static PSIP configuration
- Supports Closed Captioning

Anixter No.	Vendor No.	Description
393816	HDE-ASI	HD/SD/NTSC-to-ASI encoder
393817	HDE-ASI D51	HD/SD/NTSC-to-ASI encoder with Dolby 5.1 audio
393820	HDE-OPT-D51	Factory installed upgrade, Dolby 5.1 audio add-on

SD/NTSC-to-ASI Encoder - SD4E-ASI

BLONDER TONGUE



The SD4E-ASI Encoder accepts and auto-detects input streams in SD-SDI and analog NTSC formats, and delivers one HD/SD MPEG-2 encoded output in ASI format. Additionally, a multichannel output in DVI format is available for preview and testing purposes. The standard audio program of the digital inputs is encoded in Dolby AC-3 format. Optional Dolby 5.1 is available. Also available is an optional add-on HD-SDI input module. Remote monitoring and control is accomplished using any standard Web browser.

FEATURES

- Supports up to four SD/NTSC inputs in any combination
- GUI-based monitoring and control menu via Web browser
- Multichannel preview via front-panel DVI interface
- Standard real-time Dolby AC-3 audio encoding
- Optional real-time Dolby 5.1 audio encoding
- Optional HD-SDI input module (1080i)
- Supports Static PSIP configuration
- Supports Closed Captioning

Anixter No.	Vendor No.	Description
393820	HDE-OPT-D51	Factory installed upgrade, Dolby 5.1 audio add-on
393822	SD4E-ASI	SD/NTSC-to-ASI encoder
393823	SD4E-OPT-HD	Factory installed upgrade, one HD-SDI input module add-on

Video Broadband Products

SD/AV Encoder QAM - SD/AV10E-QAM

BLONDER TONGUE



The SD10E-QAM (SD Encoder - QAM) accepts up to ten (10) inputs in SD-SDI (480i) and NTSC baseband audio/video formats. The encoder, when applicable, digitizes and MPEG-2 encodes each into a standard-definition stream (SD-480i), and then multiplexes the resulting ten (10) streams into one (1) output in QAM format in the 5.75-864 MHz range (CATV sub-band channels T7-T14 and standard channels 2-135). The encoder supports Dolby Digital AC-3 encoding, and Closed Captioning. Additionally, two ancillary output interfaces are available: one (1) in ASI format, and one (1) in DVI format for real-time and simultaneous preview of all the ten (10) multiplexed streams. A front-panel RF test point allows for monitoring/testing of the QAM output without service interruption. Comprehensive remote monitoring and control is accomplished using any standard Web browser via a front-panel 10/100BASE-T Ethernet connection. The AV10E-QAM is identical to SD10E-QAM, but it doesn't support the SD-SDI input. It accepts ten (10) inputs only in NTSC baseband audio/video format.

FEATURES

- Digitizes, encodes, and multiplexes up to ten (10) SD-SDI (480i) and NTSC baseband audio/video inputs into one digital QAM output
- Compatible with NTSC analog format, and ITU Annex A and B digital QAM formats
- Comprehensive GUI-based monitoring and control menu via Web browser
- Allows preview of all 10 streams via a front-panel ancillary DVI output
- Provides a front-panel RF test point (at 20 dB below primary QAM output)
- Provides sub-band QAM output channels T7-T14 (5.75-53.75 MHz)
- Allows any combination of inputs, for example: 6x SD and 4x AV
- Real-time Dolby Digital (AC-3) audio encoding
- Provides a rear-panel ancillary ASI output
- Equipped with auto-sensing EAS input
- Supports EIA-608 Closed Captioning
- Supports PSIP configuration

Anixter No.	Vendor No.	Description
420061	AV10E-QAM	10X SD/AV Encoder-QAM +60 dBmV, 5.75-864 MHz
420062	SD10E-QAM	10X AV Encoder-QAM + 60 dBmV, 5.75-864 MHz

Digital Video Server - DVS Series

BLONDER TONGUE



The DVS is a video server designed for broadcasting applications - in essence, a digital TV station-in-a-box solution. It stores hundreds of hours of video or data files, and utilizes a GUI-based software tool that allows a 24x7 scheduling of the broadcast timetable a few weeks in advance.

Uploading video content and ingesting DVD programming on to the server is as simple as drag and drop. Remote monitoring and control is accomplished via any standard Web browser, allowing real-time re-scheduling of broadcast content and timetable from anywhere and at any time. It also publishes a program guide listing that can be interfaced with other online program guides.

Two models are available:

-DVS-400 provides three software-selectable analog outputs:

(1) Composite audio/video

(2) Component audio/video

(3) Video graphics array (VGA)

-DVS-400-ASI provides one digital output in ASI format (270 Mbps)

FEATURES

- Remote monitoring and operation via any Web browser
- Digital-quality video broadcast with stereo audio
- GUI-based content download and management
- Supports FTP, SMB, HTTP and NTP protocols
- 24x7 scheduling and broadcasting capability
- Virtual trims, and auto fade continuity
- 400 GB of storage capacity

Anixter No.	Vendor No.	Description
373247	DVS-400	Digital video server
393831	DVS-400-ASI	Digital video server, ASI output

MUX-2D-QAM 8VSB/QAM Multiplexer

BLONDER TONGUE



The MUX-2D-QAM is designed to allow CATV operators to multiplex two digital channels received in either 8VSB or QAM format to a single QAM output channel for delivery over a standard coaxial distribution network. It accepts up to two 8VSB or clear QAM channels and aggregates them onto one QAM RF output in the 54-864 MHz range. The MUX-2D-QAM provides the capability to filter program streams and to assign major/minor or a single 4-digit channel number to each. The MUX-2D-QAM also provides Emergency Alert System (EAS) program switching through ASI input and terminal block contacts. The EAS input source, which must be in ASI format, can be shared among multiple MUX-2D-QAM units by looping it from one to another unit without the need for external splitting and amplification.

FEATURES

- Supports MPEG-2 transport stream tables: PAT, PMT, MGT, RRT, STT and VCT
- Re-maps duplicate PIDs, program numbers and minor channel numbers
- Allows sharing of the EAS input source among multiple units
- User-defined major/minor or 4-digit CATV virtual channels
- User-defined channel names
- EAS input replaces up to 12 program streams
- Supports PID filtering and PSIP re-assignment
- Provides QAM 256 output at 38.8 Mbps
- Accepts ASI input as EAS input source

Video Broadband Products

- User-defined QAM output parameters
- Maintains MPEG-2 mapping

Anixter No.	Vendor No.	Description
443021	MUX-2D-QAM	Multiplexer, 2x 8VSB/QAM inputs, Agile 54-860 MHz QAM output, EAS equipped

DSL Line Conditioners (Filters)

SUTTLE

Addressing the challenges created by DSL broadband technology deployments in the home, Suttle's Line Conditioners filter out any erratic impedence from telephone equipment, delivering high-bandwidth ADSL transmission capabilities. Available in wall-mount and in-line styles, DSL line conditioners can be deployed to meet any DSL filtering application.

OUTDOOR DSL POTS SPLITTER



Anixter No.	Vendor No.	Description
268656	649A1-49	Attached at the subscriber premise

900 SERIES IN-LINE LINE CONDITIONERS



Anixter No.	Vendor No.	Description
268657	900LCC-50	One-line filtered, compliant

900 SERIES IN-LINE ADAPTERS



Anixter No.	Vendor No.	Description
268659	900LCCS-50	One-line filtered, auxiliary DSL jack, compliant

WALL-MOUNT FILTER



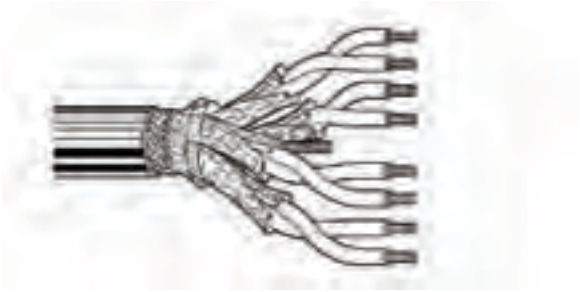
Anixter No.	Vendor No.	Description
269134	630LCCU-85	One-line filtered, two voice jacks, auxiliary DSL jack

Computer and RS-232 Cable

10BASE-5 Transceiver Ethernet Cables

BELDEN

For Digital Equipment Corporation and Xerox Ethernet Systems; PC-LAN Ethernet systems.



SPECIFICATIONS

1. 4-pair
2. Stranded tinned copper conductors
3. 78 ohms
4. Individually shielded pairs: aluminum-polyester foil
5. Overall shield: coverage and material vary
6. CM - PVC jacket, CMP - PVDF jacket

Technical Information & Standards

UL Type CM - Nonplenum
UL Type CMP - Plenum

NONPLENUM

Anixter No.	Vendor No.	No. of Pairs	AWG	Insulation	Shield	Nominal O.D. (in.)	Weight lb./1,000 ft.	Jacket Color
B9901	9901 E4X1000	4	20 (7x28)	FHDPE	Tape + Foil + TC Braid (95%)	0.415	96	Light gray
B9903	9903 E4X1000	3 data x 1 power	3pr: 28 (7x36) x 1pr: 24 (7x32)	Polypropylene	Tape + Foil + TC Braid (92%)	0.250	43	Light gray
B9891	9891 0061000	3 data x 1 power	3pr: 22 (7x30) x 1pr: 20 (7x28)	Datalene (Data) x PVC (Power)	Foil + 95% TC Braid	0.316	69	Light blue

PLENUM

Anixter No.	Vendor No.	No. of Pairs	AWG	Insulation	Shield	Nominal O.D. (in.)	Weight lb./ 1,000 ft.	Jacket Color
B89892	89892 0011000	4	20 (7x28)	FEP	Foil + 95% TC Braid	0.359	101	Brown

Paired Foil/Braided Nonplenum Computer Cables

BELDEN



Shielded, nonplenum, computer cables.

SPECIFICATIONS

1. Tinned copper conductors
2. PVC jacket

LOW CAPACITANCE (15.5 PF/FT) FOR RS-232 AND RS-422

28 AWG, stranded conductors (7x36), foil + 90% TC braid with 28 AWG TC drain wire, PPE insulation, chrome-colored jacket, NEC Type CL2

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9804	9804 0601000	2	0.214	27.8
B9805	9805 0601000	3	0.222	32.5
B9806	9806 0601000	4	0.237	36.0
B9807	9807 0601000	5	0.240	37.4
B9808	9808 0601000	7	0.256	43.0
B9809	9809 0601000	9	0.290	54.9

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9812	9812 0601000	12	0.319	63.5
B9813	9813 0601000	13	0.336	69.0
B9819	9819 0601000	18	0.365	82.3
B9825	9825 0601000	25	0.429	104.1
B9814	9814 0601000	31	0.462	122.3

LOW CAPACITANCE (11.0 PF/FT) FOR RS-232 AND RS-485

28 AWG, stranded conductors (7x36), foil + 65% TC braid with 28 AWG TC drain wire, Datalene insulation, chrome-colored jacket, NEC Type CL2

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B8132	8132 0601000	2	0.220	28.5
B8133	8133 0601000	3	0.265	37.3
B8134	8134 0601000	4	0.286	43.8
B8135	8135 0601000	5	0.288	44.5
B8138	8138 0601000	8	0.330	56.3
B8142	8142 0601000	12 & 1/2	0.389	68.8
B8148	8148 0601000	18	0.467	97.0

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Computer and RS-232 Cable

LOW CAPACITANCE FOR RS-485

24 AWG, stranded conductors (7x32), foil + 90% TC braid with 24 AWG TC drain wire, PE insulation, chrome-colored jacket, NEC Type CM

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9841	9841 0605000	1	0.232	36.8
B9842	9842 0605000	2	0.340	62
B9843	9843 0601000	3	0.360	72.6
B9844	9844 0601000	4	0.390	81.7

COMPUTER CABLES FOR RS-232

24 AWG, stranded conductors (7x32), foil + 65% TC braid, S-R PVC insulation, chrome-colored jacket, NEC Type CMG

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B8332	8332 0601000	2	0.250	34.3
B8333	8333 0601000	3	0.265	43.2
B8334	8334 0601000	4	0.272	47.3
B8335	8335 0601000	5	0.295	54.3
B8336	8336 0601000	6	0.310	61.5
B8337	8337 0601000	7	0.321	64.0
B8340	8340 0601000	10	0.385	87.4
B8342	8342 0601000	12 & 1/2	0.405	102.6
B8345	8345 0601000	15	0.445	119.9
B8348	8348 0601000	18	0.480	140.3
B8355	8355 0601000	25	0.550	186.5

LOW CAPACITANCE (15.5 PF/FT) FOR RS-232 AND RS-422

24 AWG, stranded conductors (7x32), foil + 65% TC braid with 24 AWG TC drain wire, PE insulation, chrome-colored jacket, NEC Type CM

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9829	9829 0601000	2	0.291	50.9
B9830	9830 0601000	3	0.305	63.2
B9831	9831 0601000	4	0.330	73.5
B9832	9832 0601000	5	0.338	81.5
B9839	9839 0601000	6	0.364	93.6
B9833	9833 0601000	7	0.370	97.4
B9834	9834 0601000	9	0.419	114.5
B9835	9835 0601000	10	0.451	128.0
B9836	9836 0601000	12	0.464	141.3

LOW CAPACITANCE (12.5 PF/FT) FOR RS-232 AND RS-422

24 AWG, stranded conductors (7x32), foil + 65% TC braid with 24 AWG TC drain wire, Datalene insulation, chrome-colored jacket, NEC Type CM

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B8102	8102 06010000	2	0.270	40.4
B8103	8103 06010000	3	0.283	46.0
B8104	8104 06010000	4	0.302	50.4
B8105	8105 0601000	5	0.313	47.3
B8106	8106 0601000	6	0.341	65.2
B8107	8107 0601000	7	0.341	66.5
B8108	8108 0601000	8	0.370	77.0
B8110	8110 0601000	10	0.427	91.6
B8112	8112 0601000	12 & 1/2	0.440	100.3
B8115	8115 0601000	15	0.477	109.3
B8118	8118 0601000	18	0.537	147.2
B8125	8125 0601000	25	0.632	191.0

COMPUTER CABLES FOR RS-232 APPLICATIONS

22 AWG, stranded conductors (7x30), foil + 65% TC braid, S-R PVC insulation, chrome-colored jacket, NEC Type CMG

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B8302	8302 0605000	2	0.280	42.4
B8303	8303 0601000	3	0.294	52.7
B8304	8304 0601000	4	0.320	63.9
B8305	8305 0601000	5	0.322	69.2
B8306	8306 0601000	6	0.348	77.9
B8307	8307 0601000	7	0.348	82.7
B8308	8308 0601000	8	0.384	98.7
B8310	8310 0601000	10	0.440	118.7
B8312	8312 0601000	12 & 1/2	0.455	133.1
B8315	8315 0601000	15	0.502	156.8
B8318	8318 0601000	18	0.540	185.3
B8325	8325 0601000	25	0.620	238.4

COMPUTER P.O.S. CABLES

22 AWG, solid conductors, 22 AWG solid TC drain wire, PE insulation, black colored jacket, NEC Type CM

Anixter No.	Vendor No.	No. of Pairs	Shield	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9855	9855 01010000	2	Foil + 58% TC Braid	0.270	47.8
9F220202	1268A 0101000	2	Foil + 90% TC Braid	0.270	47.5
B9696	9696 0101000	2	Foil + 58% TC Braid	0.290	45.8

LOW CAPACITANCE FOR RS-422 APPLICATIONS

24 AWG, stranded conductors (7x32), individually shielded pairs with 24 AWG TC drain wire, Datalene insulation, overall chrome-colored jacket, NEC Type CM

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9729	9729 06010000	2	0.266	44.8
B9730	9730 06010000	3	0.334	52.4
B9728	9728 0605000	4	0.363	61.4
B9731	9731 0601000	6	0.421	83.5
B9732	9732 0601000	9	0.488	111.4
B9734	9734 0601000	12	0.575	154.5
B9735	9735 0601000	15	0.639	184.9
B9737	9737 0601000	19	0.671	220.2
B9738	9738 0601000	27	0.797	328.1

Continued on next page >>

Computer and RS-232 Cable

(continued) Paired Foil/Braided Nonplenum Computer Cables

LOW CAPACITANCE (12.5 PF/FT.) FOR RS-232 AND RS-422 APPLICATIONS
24 AWG, stranded conductors (7x32), individually shielded pairs with 24 AWG TC drain wire, overall foil + 65% TC braid, Datalene insulation, overall chrome-colored jacket, NEC Type CM, passes VW-1 Test

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B8162	8162 0601000	2	0.343	61.9
B8163	8163 0601000	3	0.359	69.6
B8164	8164 0601000	4	0.388	81.4
B8165	8165 0601000	5	0.413	88.9
B8166	8166 0601000	6	0.446	100.9
B8167	8167 0601000	7	0.446	105.7
B8168	8168 0601000	8	0.479	118.8
B8170	8170 0601000	10	0.584	164.2
B8175	8175 0601000	15	0.665	218.2
B8185	8185 0601000	25	0.822	350.2

Nonplenum Shielded Computer Cables

BELDEN

SPECIFICATIONS

1. 24 AWG, twisted pairs
2. Stranded tinned-copper conductors (7x32)
3. Beldfoil aluminum-polyester shield with 24 AWG stranded, tinned-copper drain wire
4. PVC jacket - chrome

Technical Information & Standards

Table 1:
NEC Type CMG
Table 2:
NEC Type CM

COMPUTER CABLES FOR RS-232 APPLICATIONS
S-R PVC insulation

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9501	9501 0605000	1	0.156	14.0
B9502	9502 06010000	2	0.222	28.9
B9503	9503 0601000	3	0.232	29.6
B9504	9504 0601000	4	0.265	36.5
B9505	9505 0601000	5	0.289	46.5
B9506	9506 0601000	6	0.289	52.0
B9507	9507 0601000	7	0.294	54.4
B9508	9508 0601000	8	0.324	62.0
B9509	9509 0605000	9	0.334	68.8
B9510	9510 0601000	10	0.368	75.2
B9515	9515 0601000	15	0.417	102.3
B9519	9519 0601000	19	0.448	121.8
B9525	9525 0601000	25	0.503	156.5
B9550	9550 0601000	50	0.708	309.9

COMPUTER CABLES LOW CAPACITANCE FOR RS-232 AND RS-422 APPLICATIONS
Datalene insulation

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B1419A	1419A 06010000	2	0.248	31.5
B1420A	1420A 0601000	3	0.261	36.5
B1421A	1421A 0605000	4	0.280	38.3
B1422A	1422A 0601000	5	0.294	46.6
B1423A	1423A 0601000	6	0.319	52.3
B1424A	1424A 0601000	12 & 1/2	0.418	85.1
B1425A	1425A 0601000	15	0.473	102.3

Nonplenum Multiconductor Foil/Braided Computer Cables

BELDEN

SPECIFICATIONS

1. Multiconductor
2. Stranded, tinned-copper conductors
3. Beldfoil aluminum-polyester + 65% TC braid
4. PVC jacket - chrome

Technical Information & Standards

Table 1 and 2:
NEC Type CMG
Table 3:
NEC Type CM

COMPUTER CABLES FOR RS-232 APPLICATIONS
24 AWG (7x32), S-R PVC insulated

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9608	9608 0601000	3	0.190	23
B9609	9609 0601000	4	0.200	26
B9610	9610 0601000	5	0.215	32
B9611	9611 0601000	6	0.225	34
B9612	9612 0601000	7	0.225	38
B9613	9613 0601000	8	0.240	41
B9614	9614 0601000	9	0.253	44
B9615	9615 0601000	10	0.270	50
B9616	9616 0601000	15	0.300	63
B9617	9617 0601000	25	0.370	100
B9618	9618 0601000	37	0.411	135
B9619	9619 0601000	50	0.485	182

COMPUTER CABLES FOR RS-232 APPLICATIONS
22 AWG (7x30), S-R PVC insulated

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9939	9939 0601000	3	0.202	27
B9940	9940 0605000	4	0.215	32
B9941	9941 0601000	5	0.230	38
B9942	9942 0601000	6	0.245	43
B9943	9943 0601000	7	0.245	46
B9944	9944 0601000	8	0.260	52
B9945	9945 0601000	9	0.280	57

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Computer and RS-232 Cable

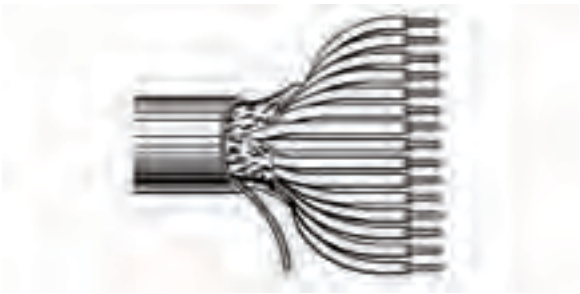
Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9946	9946 0601000	10	0.300	62
B9947	9947 0605000	15	0.340	83
B9948	9948 0601000	25	0.410	132
B9949	9949 0601000	37	0.460	180
B9950	9950 0601000	50	0.555	238

COMPUTER CABLES LOW CAPACITANCE FOR RS-232 AND RS-423 APPLICATIONS
24 AWG stranded, tinned-copper drain wire, 24 AWG (7x32), Datalene insulated

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9925	9925 0601000	3	0.215	24
B9927	9927 0601000	4	0.230	32
B9929	9929 0601000	5	0.246	36
B9931	9931 0601000	6	0.265	39
B9932	9932 0601000	7	0.265	41
B9933	9933 06010000	8	0.280	46
B9934	9934 0601000	9	0.300	48
B9935	9935 0601000	10	0.306	53
B9936	9936 0601000	15	0.350	68
B9937	9937 0601000	25	0.445	108
B9938	9938 0601000	37	0.500	139

Multiconductor Shielded Computer Cables

BELDEN



Multiconductor shielded computer cables for RS-232 applications.

SPECIFICATIONS

1. 24 AWG, multiconductor
2. Stranded, tinned-copper (7x32)
3. Beldfoil aluminum-polyester shield with 24 AWG stranded, tinned-copper drain wire
4. S-R PVC insulation
5. PVC jacket-chrome

Technical Information & Standards

NEC Type CMG

OVERALL BELDFOIL SHIELD

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9533	9533 0605000	3	0.162	18
B9534	9534 0605000	4	0.184	22
B9535	9535 0601000	5	0.189	22

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9536	9536 0605000	6	0.209	29
B9537	9537 0601000	7	0.209	30
B9538	9538 0601000	8	0.224	34
B9539	9539 0605000	9	0.244	38
B9540	9540 0605000	10	0.244	36
B9541	9541 0601000	15	0.284	56
B9542	9542 0601000	20	0.314	69
B9543	9543 0601000	25	0.339	86
B9544	9544 0601000	30	0.380	102
B9545	9545 0601000	40	0.430	130
B9546	9546 0601000	50	0.490	168

Nonplenum Foil/Braided Computer Cables

BELDEN



SPECIFICATIONS

1. 28 AWG, multiconductor
2. Stranded, tinned-copper conductors (7x36)
3. Beldfoil aluminum-polyester shield + 65% TC braid
4. PVC jacket-chrome

COMPUTER CABLES FOR RS-232 APPLICATIONS

Anixter No.	Vendor No.	No. of Conductors	Insulation	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B9637	9637 0601000	25	S-R PVC	0.305	59

LOW CAPACITANCE CABLES FOR RS-232 AND RS-423 APPLICATIONS

Anixter No.	Vendor No.	No. of Conductors	Insulation	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B9791	9791 0601000	6	Datalene	0.225	29

Computer and RS-232 Cable

Plenum Shielded Computer Cables

BELDEN



Technical Information & Standards

NEC Type CMP

COMPUTER CABLES FOR RS-232 APPLICATIONS

24 AWG, stranded, tinned-copper conductors (7x32), foil aluminum-polyester shield, FEP insulation, 24 AWG stranded, TC drain wire

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Approx. Wt. lb./ 1,000 ft.	Jacket
B88641	88641 0021000	1	0.106	9	FEP--red
B82641	82641 8771000	1	0.106	8.0	Flamarrest--natural
B82502	82502 8771000	2	0.162	14	Flamarrest--natural
B89503	89503 0021000	3	0.175	21	FEP--red
B82503	82503 8771000	3	0.169	18	Flamarrest--natural
B89504	89504 0021000	4	0.192	29	FEP--red
B82504	82504 8771000	4	0.193	26	Flamarrest--natural
B89505	89505 0021000	5	0.197	33	FEP--red
B82505	82505 8771000	5	0.196	31	Flamarrest--natural
B82506	82506 8771000	6	0.209	35	Flamarrest--natural
B82509	82509 8771000	9	0.246	49	Flamarrest--natural
B82512	82512 8771000	12.5	0.278	60	Flamarrest--natural

COMPUTER CABLES FOR RS-232 AND RS-422 APPLICATIONS

24 AWG, stranded, tinned-copper conductors (7x32), foil aluminum-polyester shield, foamed FEP insulation, gray fluorocopolymer jacket, 24 AWG stranded, TC drain wire

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B88102	88102 0081000	2	0.203	20
B88103	88103 0081000	3	0.239	31
B88104	88104 0081000	4	0.259	38
B88105	88105 0081000	5	0.267	44
B88106	88106 0081000	6	0.293	50
B88107	88107 0081000	7.5	0.293	59
B88109	88109 0081000	9	0.352	74
B88112	88112 0081000	12.5	0.397	97
B88118	88118 0081000	18.5	0.482	148
B88125	88125 0081000	25	0.581	195

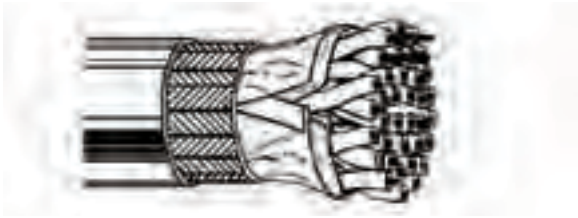
LOW CAPACITANCE COMPUTER CABLES FOR RS-232 AND RS-422 APPLICATIONS

24 AWG, stranded, tinned-copper conductors (7x32), each pair individually shielded with foil aluminum-polyester shield, foamed FEP insulation, 24 AWG stranded, TC drain wire

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Approx. Wt. lb./ 1,000 ft.	Jacket
B89729	89729 0085000	2	0.261	31	Fluorocopolymer--gray
B82729	82729 8771000	2	0.255	28	Flamarrest--natural
B89730	89730 0081000	3	0.278	40	Fluorocopolymer--gray
B89728	89728 0081000	4	0.307	50	Fluorocopolymer--gray
B89705	89705 0081000	5	0.333	62	Fluorocopolymer--gray
B89731	89731 0081000	6	0.361	71	Fluorocopolymer--gray
B89757	89757 0081000	7	0.361	80	Fluorocopolymer--gray
B89732	89732 0081000	9	0.433	108	Fluorocopolymer--gray
B89734	89734 0081000	12	0.498	140	Fluorocopolymer--gray
B89758	89758 0081000	18	0.616	204	Fluorocopolymer--gray

Nonplenum Small Computer System Interface Cables (SCSI)

BELDEN



SPECIFICATIONS

1. 28 AWG
2. Stranded, tinned-copper conductors (7x36)
3. Polypropylene buffer layer
4. Overall aluminum-polyester foil + 85% TC shield
5. FRPE insulation
6. PVC jacket - light gray

Technical Information & Standards

NEC Type CMG--B1401A
NEC Type CM--B1403A

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B1401A	1401A F2V1000	25	0.420	103.2
B1403A	1403A F2V1000	34	0.480	141.3

Plenum Paired Computer P.O.S. Cables

BELDEN

SPECIFICATIONS

1. 22 AWG, 2-pairs
2. Solid tinned-copper conductors
3. Foil + TC braid
4. FEP insulation
5. FEP jacket - black
6. Solid TC drain wire

Technical Information & Standards

NEC Type CMP

Anixter No.	Vendor No.	% Shield Coverage	Nominal O.D. (in.)	Weight lb./1,000 ft.
B89855	89855 0101000	55%	0.272	45.5
B1269A	1269A 0101000	90%	0.240	52.9
B89696	89696 0101000	55%	0.262	48.9

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Computer and RS-232 Cable

DataTuff Cables

BELDEN

The reliability of your industrial Ethernet network depends on the cable infrastructure: data transmission errors can lead to interruptions in critical control functions resulting in lost production time and even safety issues. Belden has the right solution for your network regardless of the work environment, whether it be exposure to sun, oil, temperature variations, abrasion, crushing or the presence of EMI/RFI.

SPECIFICATIONS

1. Solid or stranded bare copper conductors
2. Conductors are twisted into varying lengths of lay to minimize crosstalk
3. Interlocked armor option has a Mylar wrap
4. CMR/CMX/CM - PO insulation, CMP - FEP insulation
5. CMR/CMX/CM - PVC jacket, CMP - FEP jacket

CMP - PLENUM

Anixter No.	Vendor No.	Description	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Category
CMP-00424FAXT-5E-02	7928A 0101000	24 AWG, 4 pair, solid BC conductors, sun-, oil- and gas-resistant FEP jacket	0.187	24	ANSI/TIA Category 5e
B7931A	7931A 0101000	23 AWG, 4 pair, solid BC conductors, sun-, oil- and gas-resistant FEP jacket	0.214	37	ANSI/TIA Category 6

CMR/CMX - OUTDOOR

Belden 7918A and 7930A do not have bonded pairs

Anixter No.	Vendor No.	Description	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Category
B7923A	7923A 0101000	24 AWG, 4 pair, solid BC conductors, sun- and oil-resistant PVC jacket	0.230	30	ANSI/TIA Category 5e
CM-00424CAXS-5E-02	7921A 0101000	24 AWG, 4 pair, solid BC conductors, foil + 70% TC braid, sun- and oil-resistant PVC jacket, 24 AWG solid spiral drain wire	0.330	54	ANSI/TIA Category 5e
CM-00424CAXH-5E-02	7918A 0101000	24 AWG, 4 pair, solid BC conductors, sun- and oil-resistant PVC jacket, non-bonded pairs	0.230	28	ANSI/TIA Category 5e
CM-00424BELS-C5E-02	7919A 0101000	24 AWG, 4 pair, solid BC conductors, overall foil shield, sun- and oil-resistant PVC jacket, 24 AWG stranded TC drain wire (100 MHz)	0.265	35	ANSI/TIA Category 5e
B7924A	7924A 0101000	24 AWG, 4 pair, stranded BC conductors, sun- and oil-resistant PVC jacket, 24 AWG stranded TC drain wire	0.242	30	ANSI/TIA Category 5e
B7929A	7929A 0101000	24 AWG, 4 pair, solid BC conductors, overall foil shield, sun- and oil-resistant PVC jacket, 24 AWG stranded TC drain wire (200 MHz)	0.265	37	ANSI/TIA Category 5e
CMR-00424BELI-5E	7930A 0101000	24 AWG, 4 pair, stranded BC conductors (7x32), industrial grade sun- and oil-resistant PVC jacke	0.24	26	ANSI/TIA Category 5e
CMR-00424BELI-5ES	7939A 0101000	24 AWG, 4 pair, stranded BC conductors (7x32), overall foil shiled, industrial grade sun- and oil-resistant PVC jacket	0.315	35	ANSI/TIA Category 5e

CMR - NONPLENUM RISER RATED

Anixter No.	Vendor No.	Description	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Category
CM-00424CAXI-6-02	7927A 0101000	23 AWG, 4 pair, solid BC conductors, E-Spline center member, industrial grade sun- and oil-resistant PVC jacket	0.251 x 0.339	44	ANSI/TIA Category 6
B7932A	7932A 0101000	24 AWG, 4 pair, solid BC conductors, overall foil shield, industrial grade sun- and oil-resistant PVC jacket, drain wire	0.207	18	ANSI/TIA Category 5e
CM-00224BELI-5E	7933A 0101000	24 AWG, 2 pair, solid BC conductors, overall foil shield, sun- and oil-resistant PVC jacket, drain wire	0.235	32	ANSI/TIA Category 5e
B7940A	7940A 0101000	23 AWG, 4 pair, solid BC conductors, internal tape separator, industrial grade sun- and oil-resistant PVC jacket	0.25	30	ANSI/TIA Category 6
B7953A	7953A 0105000	23 AWG, 4 pair, solid BC conductors, overall foil shield, internal tape separator, upjacketed, FRPO inner jacket, industrial grade sun- and oil-resistant PVC outer jacket	0.345	44	ANSI/TIA Category 6

Continued on next page >>

Computer and RS-232 Cable

(continued) DataTuff Cables

CM/CMG - NONPLENUM

Anixter No.	Vendor No.	Description	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Category
CM-00424CAXA-6B-02	121700A 0103000	24 AWG, 4 pair, solid BC conductors, aluminum interlocked armor, inner and outer PVC jacket	0.553	116	ANSI/TIA Category 5e
CM-00424CAMA-7B-02	121872A 0101000	23 AWG, 4 pair, solid BC conductors, aluminum interlocked armor, inner and outer PVC jacket	0.688	219	ANSI/TIA Category 6
CM-00424CAMD-7B-02	11872A 0101000	23 AWG, 4 pair, solid BC conductors, upjacketed, industrial grade inner and outer PVC jacket	0.475 x 0.265	66	ANSI/TIA Category 6
CM-00424CAX-6B-AJ-06	121700R J225000	24 AWG, 4 pair, solid BC conductors, armored - Mylar wrap, industrial grade inner and outer PVC jacket, -40°C cold impact	0.530	102	ANSI/TIA Category 5e

CM LOW SMOKE ZERO HALOGEN JACKET

Anixter No.	Vendor No.	Description	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Category	Shield
CMZ-00424BEL-C5E-02	7935A 0101000	24 AWG, 4 pair, solid BC conductors, polyolefin insulation, LSZH jacket	0.230	19	ANSI/TIA Category 5e	No
CMZ-00424BEL-SC5E-02	7936A 0101000	24 AWG, 4 pair, solid BC conductors, foil shield, polyolefin insulation, LSZH jacket, 24 AWG stranded TC drain wire	0.265	34	ANSI/TIA Category 5e	Yes

WATER BLOCKED DIRECT BURIAL RATED

Anixter No.	Vendor No.	Description	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Category
CM-00424BELDT-C5E-02	7937A 0101000	24 AWG, 4 pair, solid BC conductors, water blocked, Beldfoil, PE inner jacket, sun- and oil-resistant PVC jacket, 24 AWG stranded TC drain wire, direct burial rated	0.276	33.5	ANSI/TIA Category 5e
B7934A	7934A 0101000	24 AWG, 4 pair, solid BC conductors, water blocked, industrial grade sun- and oil-resistant PVC jacket, direct burial rated	0.230	25	ANSI/TIA Category 5e

CONTINUOUS FLEX RATED

Anixter No.	Vendor No.	Description	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Category
B7938A	7938A B59500	24 AWG, 4 pair, stranded copper alloy conductors, (7x32), foil + 85% TC braid, upjacketed, TPE inner jacket, industrial grade sun-, oil- and weldsplatter-resistant TPE outer jacket	0.35	60	ANSI/TIA Category 5e

IBM Cabling System Cables (Type 1 and 6)

BELDEN

IBM computer system wiring for Token Ring, IBM-A high-performance applications and all interconnections to IBM systems.

Technical Information & Standards

ANSI/TIA-568-A, STP
IBM specifications
Nonplenum UL Listed CL2/CM (Type 6) or CMG (Type 1)
Plenum UL Listed CMP

PLENUM

FFEP insulation and a black jacket

Anixter No.	IBM Type	Vendor No.	AWG	IBM No.	No. of Pairs	Conductor Type	Shield Type	Jacket
9J2202004A-B	1AP	826880101000	22 solid BC	33G8220	2	2 pr. DGM	Ea. pr. foil + overall 65% TC braid	FRPVC

NONPLENUM

Black PVC jacket

Anixter No.	IBM Type	Vendor No.	AWG	No. of Pairs	Conductor Type	Insulation	Shield Type
317-036-2202-IBMA-B	1A	96880101000	22 solid BC	2	2 pr. DGM	FPE	Ea. pr. foil + overall 60% TC braid
315-023-2602-IBMA-B	6A	1215A0101000	26 Str. (7x34) BC	2	2 pr. DGM	PE	Ea. pr. foil + overall 65% TC braid

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Audio Control Cable

Audio, Control and Instrumentation Cables

BELDEN



SPECIFICATIONS

1. Tinned-copper conductors
2. Each pair individually shielded with aluminum-polyester shield
3. PVC jacket

24 AWG

Stranded conductors (7x32), PE insulation, 24 AWG stranded, TC drain wire, chrome PVC jacket, NEC type CM

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9990	9990 0601000	3	0.255	34.8
B9991	9991 0601000	6	0.330	64.0
B9992	9992 0601000	9	0.383	85.5
B9993	9993 0601000	12	0.428	107.0
B9995	9995 0601000	25	0.636	227.8

22 AWG

Solid conductors, PVC insulation, 22 AWG solid, TC drain wire, chrome PVC jacket, NEC type CMG

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B8767	8767 0601000	3	0.279	48.8
B8768	8768 0601000	6	0.379	88.2
318-037-2209-B	8764 0601000	9	0.425	122.5
B8766	8766 0601000	15	0.525	183.2

22 AWG

Stranded conductors (7x30), 2-pairs, PVC jacket

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9406	9406 T351000	2	0.173 x 0.280	32.2
B8723	8723 06010000	2	0.160	18.3

22 AWG

Stranded conductors (7x30), PPE insulation, 22 AWG stranded, TC drain wire, chrome PVC jacket, NEC type CM

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B8777	8777 06010000	3	0.273	44.6
B8778	8778 0605000	6	0.352	82.9
B8774	8774 0601000	9	0.410	117.3
B8775	8775 0601000	11	0.464	133.0
B9768	9768 0601000	12	0.464	152.7
B8776	8776 0601000	15	0.548	192.2
B8769	8769 0601000	19	0.601	244.6
B8773	8773 0601000	27	0.709	346.3
B9767	9767 0601000	37	0.800	481.3

20 AWG

Stranded conductors (7x28), 20 AWG stranded, TC drain wire, chrome PVC jacket, NEC type CM

Anixter No.	Vendor No.	No. of Pairs	Insulation	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9402	9402 0601000	2	S-R PVC	0.300	55.2
B9873	9873 0605000	3	PE	0.341	64.4
B9874	9874 0601000	6	PE	0.445	117.1
B9875	9875 0601000	9	PE	0.555	175.1
B9877	9877 0601000	12	PE	0.617	219.2
B9879	9879 0601000	15	PE	0.689	265.7

18 AWG

Stranded conductors (19x30), 18 AWG stranded, TC drain wire, chrome PVC jacket, NEC type CM

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B9773	9773 0601000	3	0.404	94.3
B9774	9774 0601000	6	0.560	192.5
B9775	9775 0601000	9	0.655	256.6
B9776	9776 0601000	12	0.735	420.8
B9777	9777 0601000	15	0.819	449.7

Audio Control Cable

Nonplenum Audio, Control and Instrumentation Cables

BELDEN

SPECIFICATIONS

1. 22 AWG
2. Tinned-copper conductors
3. Beldfoil aluminum-polyester shield with 22 AWG stranded, TC drain wire
4. PVC jacket



22 AWG, SOLID CONDUCTORS

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.	Insulation	Jacket Color
B8450	8450 0101000	1	0.118	13.0	Polypropylene	Black
B9184	9184 0101000	2	0.385	57.2	Datalene	Black
B9302	9302 0601000	2	0.244	30.1	PVC	Chrome
B9305	9305 0601000	4	0.265	43.6	PVC	Chrome
B9306	9306 0601000	6	0.315	64.0	PVC	Chrome
317-036-2209-B	9309 0601000	9	0.363	91.9	PVC	Chrome
317-036-2215-B	9315 0601000	15	0.449	139.1	PVC	Chrome

22 AWG, STRANDED CONDUCTORS (7X30)

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.	Insulation	Jacket Color
B9414	9414 T351000	1	0.186	21.8	S-R PVC	Beige
B9462	9462 0601000	1	0.186	17.8	PVC	Chrome

Audio Cables

BELDEN



MICROPHONE CABLES

Designed for the broadcast industry, used to connect multiple audio channels in low-level and high-level componentry. These cables feature 24 AWG STR (7x32) conductors, polyolefin insulation. Each pair individually shielded and jacketed with numbered and color-coded PVC jackets. Overall alum/poly shield and black matte PVC jacket. NEC CM-rated.

Anixter No.	Vendor No.	AWG	No. of Conductors	Conductor Strand	Insulation	Shield	Jacket Color and Type	Nominal O.D. (in.)	Weight lb./1,000 ft.
B8412	8412 0101000	20	2	26x34 tinned copper	Rubber	85% TC Braid	Black PVC	0.262	48
B1192A	1192A B591000	24	4	42x40 bare copper	Polyethylene	95% TC Braid	Black EPDM	0.245	35

LINE-LEVEL ANALOG AUDIO CABLES

Used for connecting line-level audio equipment, in either permanent or semi-permanent installations.

Anixter No.	Vendor No.	AWG	No. of Pairs	Conductor Strand	Insulation	Shield	Jacket Color and Type	Nominal O.D. (in.)	Weight lb./1,000 ft.
B8451	8451 0101000	22	1	7x30 tinned copper	Polypropylene	Alum/Poly (Beldfoil)	Black PVC	0.138	14
B9451	9451 0105000	22	1	7x30 tinned copper	Polypropylene	Alum/Poly bonded (Beldfoil)	Black PVC	0.135	16
B8761	8761 06010000	22	1	7x30 tinned copper	Polyethylene	Alum/Poly bonded (Beldfoil)	Black PVC	0.175	31
B82761	82761 8775000	22	1	7x30 tinned copper	FEP	Alum/Poly (Beldfoil)	Natural FRPVC	0.116	10.8

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Audio Control Cable

FLEXIBLE MULTIPAIR SNAKE CABLES

Designed for the broadcast industry, used to connect multiple audio channels in low-level and high-level componentry. These cables feature 24 AWG STR (7x32) conductors, polyolefin insulation. Each pair individually shielded and jacketed with numbered and color-coded PVC jackets. Overall alum/poly shield and black matte PVC jacket.

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B1509C	1509C B591000	2	0.301	42
B1510C	1510C B591000	4	0.352	59
B1511C	1511C B591000	6	0.418	80
B1512C	1512C B591000	8	0.452	106
B1513C	1513C B591000	12	0.561	139
B1514C	1514C B591000	16	0.628	193
B1515C	1515C B591000	20	0.710	232
B1516C	1516C B591000	24	0.807	288
B1518C	1518C B591000	32	0.897	361

DIGITAL AUDIO CABLES

110 ohm audio cables meet AES/EBU standard for digital audio cables. 24 AWG STR (7x32) tinned-copper conductors. Features foam HDPE insulation (Datalene). Pairs individually shielded and jacketed with numbered and color-coded PVC jackets. Overall alum/poly shield and slate PVC jacket. NEC CMG-rated.

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.
B1800B	1800B T5X1000	1	0.177	18
B1803F	1803F Z4B1000	4	0.485	86
B1805F	1805F Z4B1000	8	0.661	170
B1806F	1806F Z4B1000	12	0.829	270

Plenum Multiconductor Audio, Control and Instrumentation Cables

BELDEN



SPECIFICATIONS

1. Multiconductor
2. Stranded tinned-copper conductors
3. Beldfoil aluminum-polyester shield + 85% TC braid
4. FEP insulation
5. FEP jacket - red

Technical Information & Standards

NEC Type CMP

24 AWG (7X32)

Anixter No.	Vendor No.	No. of Conductors	Nominal O.D. (in.)	Weight lb./1,000 ft.
B83503	83503 0021000	3	0.135	18
B83504	83504 0021000	4	0.144	20.6
B83506	83506 0021000	6	0.165	35.98
B83509	83509 0021000	9	0.188	39
B83512	83512 0021000	12	0.207	43.5
B83515	83515 0021000	15	0.227	68

22 AWG (7X30)

Anixter No.	Vendor No.	No. of Conductors	Nominal O.D. (in.)	Weight lb./1,000 ft.
B83552	83552 0021000	2	0.141	23
B83553	83553 0021000	3	0.148	25
B83554	83554 0021000	4	0.159	25.7
B83556	83556 0021000	6	0.183	45
B83559	83559 0021000	9	0.209	47.8
B83562	83562 0021000	12	0.234	61
B83569	83569 0021000	19	0.269	85.3

20 AWG (7X28)

Anixter No.	Vendor No.	No. of Conductors	Nominal O.D. (in.)	Weight lb./1,000 ft.
B83602	83602 0021000	2	0.157	23
B83604	83604 0021000	4	0.178	36.2
B83606	83606 0021000	6	0.207	33.3
B83609	83609 0021000	9	0.238	66.8
B83612	83612 0021000	12	0.265	83.6

18 AWG (19X30)

Anixter No.	Vendor No.	No. of Conductors	Nominal O.D. (in.)	Weight lb./1,000 ft.
B83652	83652 0025000	2	0.175	28
B83653	83653 0025000	3	0.184	39
B83654	83654 0021000	4	0.199	46.8
B83656	83656 0021000	6	0.234	68.6
B83659	83659 0021000	9	0.293	89.3
B83662	83662 0021000	12	0.308	120.75

16 AWG (19X29)

Anixter No.	Vendor No.	No. of Conductors	Nominal O.D. (in.)	Weight lb./1,000 ft.
B83702	83702 0021000	2	0.196	36
B83703	83703 0021000	3	0.206	46
B83704	83704 0021000	4	0.223	59
B83706	83706 0021000	6	0.265	85
B83709	83709 0021000	9	0.307	113
B83712	83712 0021000	12	0.344	148.6
B83715	83715 0021000	15	0.407	185
B83719	83719 0021000	19	0.403	221.6

Audio Control Cable

High-temperature Control and Instrumentation Cables

BELDEN

Tefzel insulations and jacketed cables are well-suited for harsh environments due to outstanding mechanical toughness of the material, as well as high-temperature and radiation-resistant characteristics. They are used extensively in chemical plants, nuclear plants and fossil fuel power plants. Typical applications are data recording, communications, telemetering and monitoring pressure or material flow.

SPECIFICATIONS

1. 20 AWG, two conductors
2. Stranded, tinned-copper conductors (7x28)
3. Nominal O.D. (in.) is 0.185
4. Approximately 19.3 lb./MF
5. Tefzel insulation
6. Tefzel jacket - clear

Technical Information & Standards

Passes VW-1 Vertical Wire Flame Test
NEC Type CMP

Anixter No.	Vendor No.	Description
B85220	85220 3681000	High-temperature cable

Plenum Audio, Control and Instrumentation Cables

BELDEN

Technical Information & Standards

NEC Type CMP



18 AWG

Stranded tinned copper conductors (19x30), one twisted pair, overall foil aluminum-polyester shield (Beldfoil shield 100% coverage), FEP insulation, 18 AWG stranded, tinned-copper drain wire, nominal O.D. (in.) is 0.154

Anixter No.	Vendor No.	Weight lb./1,000 ft.	Jacket
B88760	88760 0025000	24	FEP--red
B87760	87760 0025000	22.6	Fluorocopolymer--red
B82760	82760 8775000	22.5	Flamarrest--natural

22 AWG

Stranded tinned copper conductors (19x34), one twisted pair, foamed FEP Teflon insulation, overall foil aluminum-polyester shield (Duofoil 100% coverage), tinned-copper drain wire, black FEP jacket.

Anixter No.	Vendor No.	Description
B89182	89182 0101000	Computer and instrumentation cable

22 AWG

Stranded tinned copper conductors (7x30), plenum, FEP insulation, twisted pairs, individually shielded with aluminum-polyester (Beldfoil) shield 100% coverage. Flamarrest jacket.

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.	Drain Wire AWG
B82723	82723 8775000	2	0.153	17.5	22 AWG Stranded TC
B82777	82777 8771000	3	0.237	35.1	22 AWG Stranded TC
B82778	82778 8771000	6	0.314	63	22 AWG Stranded TC

22 AWG

Stranded 7x30, tinned-copper conductors, plenum FEP insulation, twisted pairs, each pair individually shielded with aluminum-polyester shield (Beldfoil shield 100% coverage)

Anixter No.	Vendor No.	No. of Pairs	Nominal O.D. (in.)	Weight lb./1,000 ft.	Drain Wire AWG	Jacket
B88723	88723 0025000	2	0.148	19.6	24 AWG Stranded TC	FEP--red
B87723	87723 0021000	2	0.148	18.5	24 AWG Stranded TC	Fluorocopolymer--red
B88777	88777 0021000	3	0.234	38.9	22 AWG Stranded TC	FEP--red
B87777	87777 0021000	3	0.234	37	22 AWG Stranded TC	Fluorocopolymer--red
B88778	88778 0021000	6	0.309	69.7	22 AWG Stranded TC	FEP--red
B87778	87778 0021000	6	0.309	77.0	22 AWG Stranded TC	Fluorocopolymer--red

22 AWG

Stranded tinned copper conductors (7x30), plenum, FEP insulation, one twisted pair, overall foil aluminum-polyester shield, (Beldfoil 100% coverage), 22 AWG stranded, tinned-copper drain wire, FEP jacket.

Anixter No.	Vendor No.	Weight lb./1,000 ft.	Jacket
B88761	88761 0025000	12.5	FEP--red
B87761	87761 0025000	11.2	Fluorocopolymer--red
B82761	82761 8775000	10.8	Flamarrest--natural

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Industrial Cable

Industrial Cables

BELDEN

INDUSTRIAL AUTOMATION AND PROCESS CONTROL CABLES

Anixter No.	Conductors	AWG	Shield & Material	Weight lb./1,000 ft.	Nominal O.D. (in.)	Insulation	Jacket Material	Jacket Color	Description	NEC Rating
B3093A	1	18	Foil + 60% TC braid + foil + 40% TC braid	43	0.274	FFEP	PVDF	Black	Allen Bradley ControlNet cable	CMP
B3085A	(2) 22 AWG TC, (2) 24 AWG TC	22	Individually foil shielded 100% + overall Cu braid 65%	46	0.280	PVC	CPE	Yellow	300 V, OVDA Class 2 Thin, 2 pairs, overall 65% braid shield with individually foil shielded pairs, PVC (power) and FPE (data) insulation, yellow CPE jacket, NEC: CL2, CMG	CMG
B3074F	1 Pr Stranded TC	18			0.460		PVC	Blue	DataTray 600 V twinax	CM
B3078F	1 Pr Stranded TC	22 (7X30)	100% Foil	40	0.351	FHDPE	PVC	Orange	1 pair, 22 AWG stranded tinned copper conductors, 100% Beldfoil shield, FHDPE insulation, orange PVC jacket, NEC: PLTC, CM	CM
B89880	1C Solid BC	12	Foil + 90% TC Braid + Foil + 90% TC Braid	137	0.375	FFEP	PVDF	Orange	Ethernet cables	CMP
B3084A	(2) 22 AWG TC, (2) 24 AWG TC	22 (19x34), 24 (19x36)	100% Foil + 65% TC braid	41	0.280	PVC, FPE	PVC	Gray or red	300 V, OVDA Class 2 Thin, 2 pairs, overall 65% braid shield with individually foil shielded pairs, PVC (power) and FPE (data) insulation, gray sun- and oil-resistant jacket, NEC: CL2, CMG	CMG
B3076F	1 Pr Stranded TC	18 (7X26)	100% Foil	48	0.292	PO	PVC	Orange or Light blue	1 pair, 18 AWG stranded tinned copper conductors. 100% Beldfoil shield. PO insulation, orange PVC jacket. NEC: ITC, PLTC, CM	CM
B3079A	1 Pr Solid BC	22	100% Foil + 65% TC braid	52	0.315	FRFPE	PVC	Violet or Chrome	1 pair, 22 AWG solid bare copper conductor, 65% TC braid + foil shield, FR-FPE insulation, chrome PVC jacket, NEC: PLTC, CMG	CMG
B9880	1C Solid BC	12	Foil + 94% TC Braid + Foil + 90% TC Braid	113	0.405	FPE	PVC	Yellow	Ethernet/Thicknet	CM
B3082A	(2) 15 AWG TC, (2) 18 AWG TC	15 (19x28), 18 (19x30)	100% Foil	133	0.480	PVC, FPE	PVC	Gray or red	300 V, OVDA Class 2 Thick, 2 pairs, overall 65% braid shield with individually foil shielded pairs, PVC (power) and FPE (data) insulation, gray sun- and oil-resistant PVC jacket, NEC: CMG, PLTC-ER	CMG
B3072F	1 Pr Stranded TC		Foil + 55% TC Braid		0.324		PVC	Blue	DataTray 600 V twinax	CM
B89907	1C Stranded TC	20 (19x32)	Foil + 93% TC Braid	25	0.160	FFEP	PVDF	Gray	Ethernet/Thinnet	CMP

Continued on next page >>

Industrial Cable

(continued) Industrial Cables

INDUSTRIAL AUTOMATION AND PROCESS CONTROL CABLES

Anixter No.	Conductors	AWG	Shield & Material	Weight lb./1,000 ft.	Nominal O.D. (in.)	Insulation	Jacket Material	Jacket Color	Description	NEC Rating
B3092A	1C Solid BCCS	18	Foil + 60% AL braid + foil + 93% + 40% AL braid	33	0.298	Gas injected FPE	PVC	Blue	Allen Bradley ControlNet	CMR
B9907	1C Stranded TC	20 (19x32)		22.3	0.185	FHDPE	PVC	Gray	Ethernet/Thinnet	CM
B9463	1 Pr Stranded TC	20 (7x28)	Foil + 55% TC Braid	36	0.238	Polyethylene	Sunlight-resistant PVC	Blue, brown, orange, or violet	Blue hose/twinax for PLC/DCS	CM CL2
B9842	2 Pr Stranded TC	24 (7X32)	Foil + 90% TC Braid	62	0.340	Polyethylene	PVC	Chrome	RS-485	CM

LAN TRANSCEIVER CABLES

Anixter No.	Conductors	AWG	Shield & Material	Weight lb./1,000 ft.	Nominal O.D. (in.)	Insulation	Jacket Material	Jacket Color	NEC Rating
B9901	4 Pr Stranded TC	20 (7x28)	Foil + 95% TC Braid	96	0.415	FHDPE	PVC	Light gray	CM, CL
B89901	4 Pr Stranded TC	20 (7x28)	Foil + 95% TC Braid	99	0.37	Data: FFEP/ Power: FEP + shield/ pr	PVDF	Light gray	CMP

AUDIO, CONTROL AND INSTRUMENTATION

Anixter No.	Conductors	AWG	Shield & Material	Weight lb./1,000 ft.	Nominal O.D. (in.)	Insulation	Nominal O.D. (in.)	Nominal O.D. (in.)	Description	NEC Rating
B8723	2 Pr Stranded TC	22 (7X30)	100% Foil AL/ PE Shield	18.3	0.160	Polypropyl ene	PVC	Chrome	22 AWG, 2-pair, stranded TC, individual Beldfoil shield, grey PVC jacket. Individually shielded. NEC, CM, CEC, CM	CM
B88723	2 Pr Stranded TC	22 (7X30)	100% Foil AL/ PE Shield	19.6	0.148	FEP	Flamarrest	Red	Individually shielded	CMP

CATV CABLES

Anixter No.	Conductors	AWG	Shield & Material	Weight lb./1,000 ft.	Nominal O.D. (in.)	Insulation	Jacket Material	Jacket Color	Description	NEC Rating
B1190A	1C Solid CCS	18	Foil + 60% AL + Foil + 40% AL Braid	29	0.298	FPE	PE	Orange or black	Direct burial	Not Rated

ALLEN BRADLEY PLC SYSTEMS

Anixter No.	Conductors	AWG	Shield & Material	Weight lb./1,000 ft.	Nominal O.D. (in.)	Insulation	Jacket Material	Jacket Color	Description	NEC Rating
B129463	1 Pr Stranded TC	20 (7x28)	Foil + 55% TC Braid	133	0.553	PE	Sunlight-resistant PVC	Blue	AL interlocked armor	CM CL2
BYR28762	1 Pr Stranded TC	20 (7x28)	Foil + 55% TC Braid	188	0.243	PE	LDPE	Blue	Gel-filled direct burial	CM
BYR28826	2 Pr Stranded TC	20 (7x28)	Foil + 85% TC Braid	282	0.382	PE	PVC	Blue	Dual data highway cable	CM
B1190A	1C Solid CCS	18	Foil + 60% AL + Foil + 40% AL Braid	29	0.298	FPE	PE	Orange or black	Direct burial	Not Rated

Industrial Cable

Industrial Automation

BELDEN

APPLICATIONS

Used in industrial locations requiring extra mechanical protection and system reliability for high-speed electronic signaling.

Anixter No.	Vendor No.	Conductor Size AWG	Nom. O.D. Inner Jacket (in.)	Nom. O.D. Armor (in.)	Nom. O.D. Outer Jacket (in.)	Approx. Wt. lb./1,000 ft.	UL Designation
318-298-2201DS-AJ	129182	22	0.350	0.490	0.670	153	CL2
308-011-0063-AJ	129290	18	0.290	0.505	0.610	161	CL2

Datatray Twinax

BELDEN

For use in most programmable logic control systems (PLCs) and distributed control systems (DCS) in industrial environments. May be installed in cable tray or conduit for a variety of data applications (RS-232, 422 and 485).

SPECIFICATIONS

1. 18 AWG - 1 pair
2. Stranded (7x26), tinned-copper conductors
3. Foil + 55% TC braid
4. FRPE insulation
5. PVC jacket-dark blue (CPE jacket optional)

Technical Information & Standards

Meets UL requirements for Type PLTC cable
Meets UL 1581 Vertical Tray 70,000 Btu Flame Test
NEC Article 725 for Class 2 (CL2) circuits and Article 800 for communications general purpose (CM)
CSA Type CM requirements

Anixter No.	Vendor No.	Impedance Ohms	Nominal Capacitance (pF/ft.)	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B3072F	3072F C555000	78	19.5	0.324	69
B3073F	3073F C555000	100	15.3	0.388	85
B3074F	3074F C552500	124	12.3	0.460	118

NOTE: Multipairs/multiconductors available. Wet location rating and Oil Res II jacket available. Any Datatray cable may be armored upon request.

Industrial Cable

Speaker Wire

BELDEN

Speaker wires can be used to connect receivers or power amplifiers to speakers.

SPECIFICATIONS

1. Two conductors
2. Stranded tinned or bare copper conductors
3. Available in parallel zipcord construction, twisted unjacketed construction or overall jacketed construction

PARALLEL ZIP CONSTRUCTION



One conductor bare copper, one conductor tinned copper. Clear PVC insulation.

Anixter No.	Vendor No.	AWG	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.
B8782	8782 3681000	24	0.058 x 0.116	5.6
B9712	9712 3681000	22	0.065 x 0.130	7.7
B8649	8649 0601000	20	0.073 x 0.146	9.7
B9708	9708 3681000	18	0.110 x 0.220	18
B9716	9716 3681000	16	0.115 x 0.230	24.1
B9717	9717 3681000	14	0.146 x 0.292	36.2
B9718	9718 3681000	12	0.185 x 0.370	61.3

OPEN TWISTED CONSTRUCTION



Stranded, tinned-copper conductor (except 22 AWG - one conductor bare copper, one conductor tinned copper). Passes VW-1 Vertical Flame Test.

Anixter No.	Vendor No.	AWG	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Color Code
B9151	9151 009U1000	22	0.108	6.4	White
B8460	8460 0631000	18	0.180	17	Black, White
B8470	8470 0631000	16	0.210	22	Black, White

OPEN TWISTED CONSTRUCTION - PLENUM RATED



Stranded bare copper conductors, open twisted construction (unjacketed). Meets NEC CL2P rating.

Anixter No.	Vendor No.	AWG	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Color Code
B1863A	1863A D261000	18	0.178	4	Black, White
B1862A	1862A D261000	16	0.202	24	Black, White
B1861A	1861A D261000	14	0.236	35	Black, White
B1860A	1860A D261000	12	0.270	48	Black, White

JACKETED CONSTRUCTION



Stranded, tinned-copper conductors, twisted pair, PVC insulated, chrome PVC jacket. NEC CMG.

Anixter No.	Vendor No.	AWG	Nominal O.D. (in.)	Approx. Wt. lb./1,000 ft.	Color Code
B8442	8442 06010000	22	0.170	13	Black, Red
B8205	8205 0605000	20	0.180	18	Black, Red
B8461	8461 0605000	18	0.234	27	Black, White
B8471	8471 0605000	16	0.274	43	Black, White
B8473	8473 0601000	14	0.340	53	Black, White
B8477	8477 0601000	12	0.386	77	Black, White

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Copper Connectors and Accessories

Modular Plug for 8-conductor Round Solid Cable



All are for individual conductor insulation O.D. of 0.029/0.039 except where noted.

Technical Information & Standards

Physical specifications: width: 2.5 cm, length: 4.0 cm, depth: 1.3 cm.
Plastic: high-impact, flame-retardant, UL Rated 94V-0 thermoplastic.

Anixter No.	Vendor	Vendor No.	AWG	Overall Cable Max. O.D.	Description
148646	TE Conn	5-557315-4	24/26	0.200	------
109687	TE Conn	5-554720-4	24/26	0.100 x 0.350	Flat/ oval cable
177118	TE Conn	5-569278-4	22/24/26	0.200	Cat 5e, no shield
074683	Stewart	940-SP-3088-B25	24/26/28	0.190	Cat 3
398237	Stewart	SS-30800-064	24/26	0.225	Cat 5
398234	Stewart	SS-37000-006	24/26	0.225	Enhanced Cat 5e
238052	Stewart	SS-37000-004	24/26	0.225	Enhanced Cat 5e, with management bar
265033	Stewart	SS-39100-005	24/26	0.245	Cat 6, with management bar, for spline and splineless cable
361663	Stewart	SS-39100-021	24/26	0.225	Cat 6 with management bar
176402	Siemon	P-8-8	22/24/26	-----	------
209987	Panduit	MP588-L	24	-----	Snagless latch (crimp tool Part No. 196448)
263039	Hubbell	BRM0D4P25N	24	-----	Insulated conductor range - 0.030 to 0.036
263045	Leviton	47613-EZC	22/24	-----	------

Modular Plug for 8-conductor Round Stranded Cable



All are for individual conductor insulation O.D. of 0.029/0.039

Anixter No.	Vendor	Vendor No.	AWG	Overall Cable Max. O.D.	Description
109689	TE Conn	5-554169-4	26/28	0.200	------
162417	TE Conn	5-558530-4	24	0.215	Cat 5e (tool Part No. 143315, die Part No. 163137)
074683	Stewart	940-SP-3088-B25	24/26/28	0.190	Cat 3
398237	Stewart	SS-30800-064	24/26	0.225	Cat 5
398234	Stewart	SS-37000-006	24/26	0.225	Enhanced Cat 5e
238052	Stewart	SS-37000-004	24/26	0.225	Enhanced Cat 5e, with management bar
265033	Stewart	SS-39100-005	24/26	0.245	Cat 6, with management bar, for spline and splineless cable
361663	Stewart	SS-39100-021	24/26	0.225	Cat 6 with management bar
176402	Siemon	P-8-8	22/24/26	-----	------
209987	Panduit	MP588-L	24	-----	Snagless latch (crimp tool Part No. 196448)
263039	Hubbell	BRM0D4P25N	24	-----	Insulated conductor range - 0.030 to 0.036
263045	Leviton	47613-EZC	22/24	-----	------

Modular Plug for 8-conductor - Flat/Oval Stranded Cable



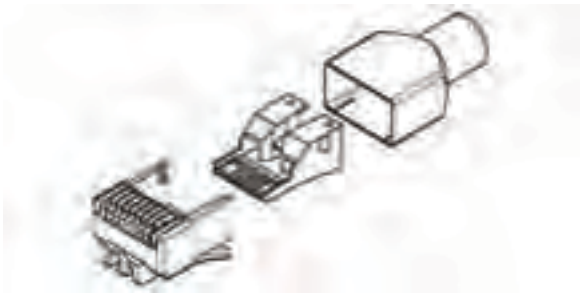
All are for conductor insulation O.D. of 0.029/0.039.

Anixter No.	Vendor	Vendor No.	AWG	Max. O.D.	Description
109685	TE Conn	5-554739-4	26/28	0.100 x 0.360	------
074683	Stewart	940-SP-3088-B25	24/26/28	0.140 x 0.320	Cat 3

Copper Connectors and Accessories

Modular Plug Kit Cat 6

TE CONNECTIVITY



These are mod plug kits consisting of a modular plug, wire holder and shield. For 4-pair, 8-conductor, 26/24 stranded and solid cable.

Anixter No.	Vendor No.	Description
255029	5-1375202-4	For stranded cable
255030	5-1375204-4	For solid cable

Modular-wire Plug

COMMSCOPE-SYSTIMAX SOLUTIONS



The 700A4 and 700A8 are modular-wire plugs for 22 or 24 AWG, solid station wire.

Anixter No.	Description	Material ID
066855	Modular-wire plug, 4/C, ivory	103941464
066856	Modular-wire plug, 8/C, ivory	103941472

Modular Plug for 6-conductor Cable



All are for individual conductor insulation O.D. of 0.029/0.039 except where noted.

ROUND SOLID CABLE

For individual conductor insulation O.D. of 0.029/0.039

Anixter No.	Vendor	Vendor No.	AWG	Max. O.D.	Description
109686	TE Conn	5-555042-4	24/26	0.180	------
134318	TE Conn	5-555426-3	24/26	0.180	Long body
107955	Stewart	940-SP-3066-B25	24/26/28	0.142	------
109688	TE Conn	5-554710-4	26/28	0.180	------

ROUND STRANDED CABLE

For individual conductor insulation O.D. of 0.029/0.039

Anixter No.	Vendor	Vendor No.	AWG	Max. O.D.
109688	TE Conn	5-554710-4	26/28	0.180
107955	Stewart	940-SP-3066-B25	24/26/28	0.142
127655	TE Conn	5-555177-3	26/28	0.180

Modular Plug for 6-conductor Flat/Oval Stranded Cable



All are for individual conductor insulation O.D. of 0.029/0.039 except where noted.

Anixter No.	Vendor	Vendor No.	AWG	Overall Cable Max. O.D.
109684	TE Conn	5-641337-4	26/28	0.100 x 0.270
107955	Stewart	940-SP-3066-B25	24/26/28	0.142

Modular Plug (6-position) for 4-conductor

ROUND SOLID OR STRANDED CABLE

For individual conductor insulation O.D. of 0.029/0.039

Anixter No.	Vendor	Vendor No.	AWG	Max. O.D.
107954	Stewart	940-SP-3046-B25	24/26/28	0.142
109683	TE Conn	5-641335-7	26/28	0.100 x 0.200

FLAT/OVAL STRANDED CABLE

For individual conductor insulation O.D. of 0.029/0.039

Anixter No.	Vendor	Vendor No.	AWG	Max. O.D.
109683	TE Conn	5-641335-7	26/28	0.100 x 0.200
107954	Stewart	940-SP-3046-B25	24/26/28	0.142

Modular Plug for 4-conductor Flat/Oval Stranded Cable

All are for individual conductor insulation O.D. of 0.029/0.039.
Field termination narrow.

Anixter No.	Vendor	Vendor No.	AWG	Max. O.D.
107949	Stewart	937-SP-3044-B25	24/26/28	0.100 x 0.100
109682	TE Conn	5-641334-7	26/28	0.100 x 0.100

Copper Connectors and Accessories

Modular Plug for 10-conductor Round/Flat/Oval Stranded Cable

STEWART CONNECTOR SYSTEMS



Anixter No.	Vendor	Vendor No.	AWG	Notes
128094	Stewart	937-SP-301010R	24/26/28	Stranded wire only

Modular Plug for 8-conductor for Shielded Cable



All are for individual conductor insulation O.D. of 0.029/0.039.

ROUND SOLID

For individual conductor insulation O.D. of 0.029/0.039

Anixter No.	Vendor	Vendor No.	AWG	Max. O.D.	Description
176876	TE Conn	5-569530-2	24/26	0.200	---------
214944	TE Conn	5-569550-3	24/26	0.200	Cat 5e
278767	Stewart	943SP370808SMA	24/26	0.225	Cat 5e
398258	Stewart	SS-37200-032	24/26	0.225	Enhanced Cat 5e
333374	Stewart	SS-39200-011	24/26	0.248	Cat 6

ROUND STRANDED

For individual conductor insulation O.D. of 0.029/0.039

Anixter No.	Vendor	Vendor No.	AWG	Max. O.D.	Description
175930	TE Conn	5-569532-2	26/28	0.200	---------
187915	TE Conn	5-569552-3	24/26	0.200	Cat 5 and 5e
278767	Stewart	943SP370808SMA	24/26	0.225	Cat 5e
398258	Stewart	SS-37200-032	24/26	0.225	Enhanced Cat 5e
333374	Stewart	SS-39200-011	24/26	0.248	Cat 6

Heavy-duty Hand Tool

TE CONNECTIVITY



Cuts, strips and terminates cable.

Anixter No.	Complete Hand Tool Assy. No.	Die Set No.	Terminates
143320	2-231652-1	853400-1	8-pos. plugs, shielded and unshielded cable
143316	2-231652-8	853400-8	4- and 6-pos. line cord plugs

Die Sets For Heavy-duty Hand Tool

TE CONNECTIVITY

Anixter No.	Vendor No.	Description
129056	853400-1	8-position line-cord plugs
129711	853400-8	4- and 6-position line-cord plugs
129541	853400-6	6-position side-latch plugs
129545	853400-7	6-position long-body plugs

Heavy-duty Hand Tool Kits

TE CONNECTIVITY

Kits include a small screwdriver, a blade replacement kit and an instruction sheet.

Anixter No.	Vendor No.	Description
129742	1-231666-0	8-pos. plug hand tool 4- and 6-pos. plug die set
129775	1-231666-1	8-pos. plug hand tool 4- and 6-pos. plug die set 4-pos. hand set plug die set
145085	231662-4	Blade replacement kit (5 pk.)

Copper Connectors and Accessories

Modular Plug Presser



Anixter No.	Vendor	Vendor No.	Figure	Description
060612	GMP	70631	A	Modular presser with No. 8 linecord die
063644	GMP	17066	Not shown	No. 8 die for 8 x 8 linecord plugs
063646	GMP	70630	A	Modular presser with No. 4 handset die and No. 6 linecord die and holster
076459	GMP	17065	Not shown	No. 6 die for 4 x 6 and 6 x 6 linecord plugs
078803	GMP	17064	Not shown	No. 4 die for 4 x 4 handset plugs
095180	GMP	15305	A	Presser kit with 8-, 6- and 4-position dies
133501	Ideal Industries	30-498	B	Tool with RJ11 and DEC MMP dies and cut-and-strip blades
133502	Ideal Industries	30-496	B	Tool with 8- and 6-position dies and cut-and-strip blades
252662	Ideal Industries	30-499	B	Tool only for RJ22 (handset) and RJ11

Modular Plug Crimp Tool and Die

STEWART CONNECTOR SYSTEMS

Anixter No.	Vendor No.	Description
398259	2990001-01	Crimp tool and die for 4-position plugs
398260	2990002-01	Crimp tool and die for 6-position plugs
398261	2990003-01	Crimp tool and die for 8-position plugs
398263	2990007-01	Crimp tool and die for 10-position plugs
398265	2980075-01	Crimp tool and die for Cat 6 shielded plugs

25-pair Connectors and 525 Field Termination Tool

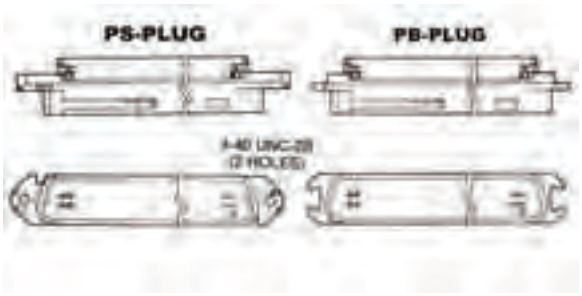
COMMSCOPE-SYSTIMAX SOLUTIONS

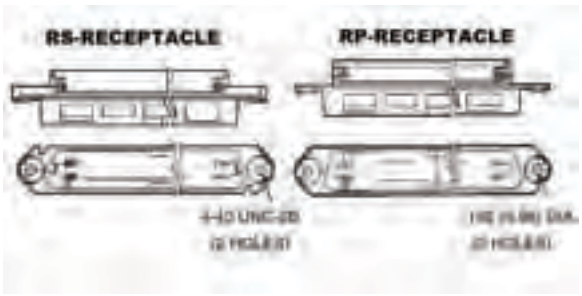
The 525 Field Termination Tool terminates SYSTIMAX Solutions 525 Cat 5 PowerSUM connector on 1061/2061/3061, 25-pair cable. It is precise in design and robust in construction and has been developed primarily for field use to produce high-quality connectorized cable assemblies. The tool is comprised of three main components: a wire preparation fixture, a wiring detwisting tool and an integrated assembly press. An easy-to-follow users' guide and a standard, 25-pair, color-code chart are enclosed, along with the main components, in a rugged carrying case for easy portability and storage.

Anixter No.	Vendor No.	Description	Material ID
199904	525-CP-003	25-pair male connector, in-line, 180 degrees	108361908
199903	525-AP-003	25-pair male connector, angled right or left, 110 degrees	108361916
195754	1803B	525 field termination tool	108135773

CHAMP IDC Connectors

TE CONNECTIVITY





These CHAMP IDC connectors provide a low-cost method of terminating unstripped 24 to 26 AWG (0.51 mm to 0.40 mm) solid or 24 AWG (0.20 mm^2) stranded copper wires and cables to connectors. Standard black housings. Thick flange connectors are typically for cable-to-cable screw lock applications. Thin flange connectors are typically for panel-mount applications.

PLUGS

Anixter No.	Vendor No.	Description	No. of Positions
135209	552283-1	Style PS	24
142871	552272-1	Style PB	24
089308	552274-1	Style PB	36
073528	229974-1	Style PS	50
706301	552032-1	Style PB	50
209252	556409-1	Style PS	64
123764	552285-1	Style PS, black	64

RECEPTACLES

Anixter No.	Vendor No.	Description	No. of Positions
117546	552313-1	Style RS	24
073529	229975-1	Style RS	50
074698	2-552001-1	Style RP	50

Request the latest literature and guides from Anixter.
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Copper Connectors and Accessories

CHAMP (Cat 5) IDC Connectors

TE CONNECTIVITY

These connectors are identical to original CHAMP connectors, but are Category 5 when wired in the following way and assembled properly to ANSI/TIA 568 M Pair 1 and 2 on pins 3 and 4, etc.

Anixter No.	Vendor No.	Description
171349	1-558693-1	Plug

CHAMP IDC Cable-to-cable Connector Kits

TE CONNECTIVITY



For cable-to-cable applications, these IDC connector kits include a tapered cover and screw. Connectors terminate 22 AWG (solid 0.64 mm, stranded 0.40 mm^2), or 24 to 26 AWG (solid 0.51 mm to 0.40 mm, stranded 0.20 mm^2) unstripped copper cables.

PLUGS

Parts 327927 and 083494 include dust cover

Anixter No.	Vendor No.	AWG	Cable Diameter (in.)	Color
333517	5552382-1	22	Up to 0.550	Black
325822	5229912-1	24	0.350-0.425	Black
327927	1-5229912-1	24	0.350-0.425	Black
327856	5229912-4	24	0.350-0.425	Gray
083494	1-229912-4	24	0.350-0.425	Gray

RECEPTACLES

Part 332786 includes dust cover

Anixter No.	Vendor No.	AWG	Cable Diameter (in.)	Color
335846	5552383-1	22	Up to 0.550	Black
328807	5229913-1	24	0.350-0.425	Black
332786	1-5229913-1	24	0.350-0.425	Black
331647	5229913-4	24	0.350-0.425	Gray

Strain Relief Covers

TE CONNECTIVITY



180-DEGREE SNAP-ON COVER

Anixter No.	Vendor No.	No. of Positions	Cable Diameter Range (in.)
101856	552076-1	24	0.230 - 0.280
706366	2-552008-1	50	0.380 - 0.430
104177	552008-1	50	0.430 - 0.490
806146	4-552008-1	50	0.480 - 0.550

90-DEGREE SNAP-ON COVER

Anixter No.	Vendor No.	No. of Positions	Cable Diameter Range (in.)
081778	552011-1	50	0.415 - 0.465

90-DEGREE TAPERED SLIDE-ON COVER

Anixter No.	Vendor No.	No. of Positions	Cable Diameter Range (in.)
074389	552560-1	50	0.350 - 0.425

Portable "Butterfly" Hand Tool (MI-1)

TE CONNECTIVITY



The standard portable hand-operated tool (MI-1) is designed for field applications and medium-volume production and is capable of terminating all connectors up to 50 positions with 90° wire dress. Best results obtained with conductor diameter to 0.45 (1.14) maximum with PVC insulation. For additional comb kits purchase TE Connectivity Part No. 203527-1.

Anixter No.	Vendor No.	Description
098433	229378-1	Portable hand tool

Copper Connectors and Accessories

Shielded D-subminiature Kits

TE CONNECTIVITY



Tin-plated shells, contact, die-cast hoods and hardware. Males have grounding indents.

CRIMP CONTACT

Anixter No.	Vendor No.	Description	Size
329159	749805-7	Male	9
360360	749805-8	Male	15
340749	749805-9	Male	25
342926	749806-7	Female	9
341076	749806-8	Female	15
352134	749806-9	Female	25

IDC CONTACT

Anixter No.	Vendor No.	Description	Size
335424	749810-7	Male	9
329168	749810-8	Male	15
353064	749810-9	Male	25
338066	749814-7	Female	9

Unshielded D-subminiature Kits

TE CONNECTIVITY



These kits contain: zinc-plated shells, contacts, all-plastic hoods and hardware.

Anixter No.	Vendor No.	Size	Description
345461	749808-8	9	Male
337976	749808-9	15	Male
336495	749808-7	25	Male
348486	749812-7	9	Female
138992	1-749812-1	25	Female

Crimp Contact Housings

TE CONNECTIVITY



MALES

Zinc-plated shells less contacts

Anixter No.	Vendor	Vendor No.	Size
347767	TE Conn	205204-9	9
361563	TE Conn	205206-9	15
357461	TE Conn	5205208-1	25
DH-15HP	Pan Pac En	DH-15HP	15
DH-25HP	Pan Pac En	DH-25HP	25
DH-37HP	Pan Pac En	DH-37HP	37

FEMALES

Zinc-plated shells less contacts

Anixter No.	Vendor	Vendor No.	Size
353062	TE Conn	205203-8	9
378543	TE Conn	5205207-1	25
082826	TE Conn	205211-1	50
DH-15HS	Pan Pac En	DH-15HS	15
DH-25HS	Pan Pac En	DH-25HS	25
DH-37HS	Pan Pac En	DH-37HS	37

MALES

Tin-plated shells less contacts with grounding indent on shells

Anixter No.	Vendor	Vendor No.	Size
087928	TE Conn	205204-4	9
119300	TE Conn	205206-3	15
110002	TE Conn	207464-2	25

FEMALES

Tin-plated shells less contacts

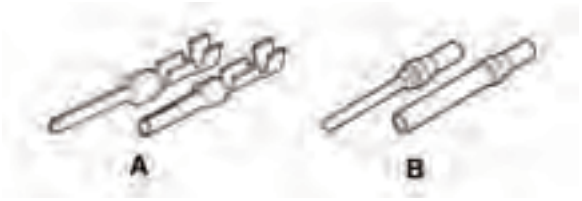
Anixter No.	Vendor	Vendor No.	Size
074427	TE Conn	205203-3	9
110003	TE Conn	207463-1	25
092180	TE Conn	205209-2	37

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Copper Connectors and Accessories

Contacts For Crimp Contact Housing

TE CONNECTIVITY



20 to 24 AWG maximum-diameter insulation 0.060.

SELECT GOLD PLATING (30 MILS)

Anixter No.	Description	Vendor No.	Form	Figure
082908	Pins, order nine plus one spare	6-66506-1	Bag of 100	A
082923	Sockets, order nine plus one spare	7-66504-0	Bag of 100	A

MIL-C-24308 - SCREW MACHINE

Anixter No.	Description	Vendor No.	Form	Figure
110154	Pin	205089-1	Loose	B
089168	Socket	205090-1	Loose	B

D-subminiature Crimp Tools



Anixter No.	Vendor	Vendor No.	Description
146142	TE Conn	58448-2	Crimp tool with die for stamped and formed pins and sockets, A type
154348	Ideal Industries	35-465	Crimp tool with die for screw machine contacts, C type
080783	TE Conn	91067-2	Insertion and extraction tool for 20 to 24 AWG TE Connectivity Type XVII contacts
119277	TE Conn	91285-1	Insertion and extraction tool for stamped and formed contacts

D-subminiature Solder Cup Connectors

PAN PACIFIC ENTERPRISES



Contacts already installed in connector housing, zinc shell.

MALES

Anixter No.	Vendor No.	Size
246340	DS-9P	9
280253	DS-15P	15
246338	DS-25P	25

FEMALES

Anixter No.	Vendor No.	Size
246344	DS-9S	9
280254	DS-15S	15
246339	DS-25S	25

D-subminiature IDC Connectors



Designed for terminating 26 to 22 AWG solid or up to 7-strand discrete wire and jacketed cable. Tin-plated steel shell with thermoplastic insert. UL recognized, CSA certified.

METAL SHELL

A= Contacts 30 mils gold with tin lead tails B= Gold flash all over

Anixter No.	Vendor No.	Description	Size	Contacts
343285	1-745492-8	Male	9	A
362025	1-745491-7	Female	9	A
331362	2-745492-0	Male	9	B
084018	1-745493-4	Female	15	A
331363	1-745494-6	Male	15	B
344899	1-745493-5	Female	15	B
390742	1-745496-7	Male	25	A
365525	1-745495-8	Female	25	A
359198	1-745496-8	Male	25	B
369467	2-745495-0	Female	25	B

Copper Connectors and Accessories

IDC Application Tool

TE CONNECTIVITY

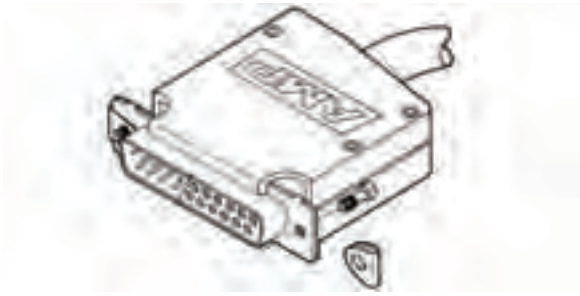


For TE Connectivity connectors only. Hand tools used to terminate one unstripped wire per cycle and index the connector to the next terminating position.

Anixter No.	Vendor No.	Description
091808	58063-2	Head assembly
094544	58074-1	Pistol grip with manual handle

Plastic Clam Shell Hoods Straight and 45 Degree Exit

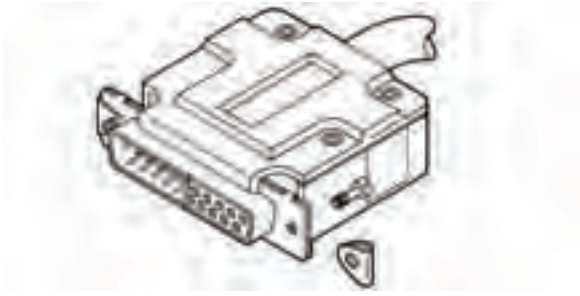
TE CONNECTIVITY



Anixter No.	Vendor No.	Size	Max. Cable Dia.
348570	5206478-1	9	0.256
083263	5206478-3	25	0.420

Plastic Box and Lid Hoods Straight and 90 Degree Exit

TE CONNECTIVITY



BACK SHELL ONLY

Anixter No.	Vendor No.	Size	Max. Cable Dia.
089214	207467-1	9	0.160
089215	207345-1	25	0.390

BACK SHELL WITH SCREWS AND RETAINING CLIP

Anixter No.	Vendor No.	Size	Max. Cable Dia.
381436	5207908-1	9	0.160
110047	5207908-7	25	0.390

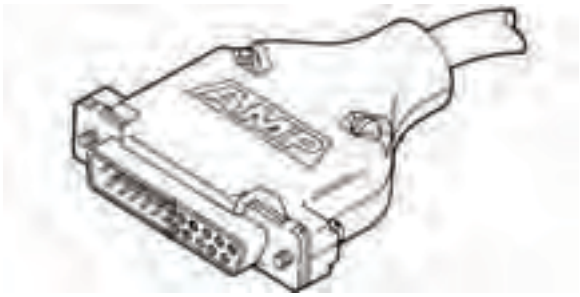
Plastic Hoods Side Screw Strain Relief



Anixter No.	Vendor	Vendor No.	Size	Max. Cable Dia.
238366	Pan Pac En	DP-9C/S	9	0.250
190492	Pan Pac En	DP-15C/S	15	0.320

Die-cast Metal Hood

TE CONNECTIVITY



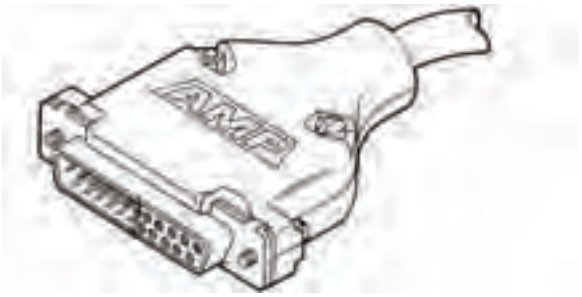
Back shells with grommets.

Anixter No.	Vendor No.	Size	Cable Range
351869	5748676-1	9	0.185/0.320
361565	5748676-2	15	0.185/0.320
333821	5748676-3	25	0.255/0.470
333754	5748676-4	37	0.255/0.470

Copper Connectors and Accessories

Metalized Plastic Hood

TE CONNECTIVITY



Back shells with grommets.

Anixter No.	Vendor No.	Size	Cable Range
361564	5748677-1	9	0.185/0.320
141475	5748677-2	15	0.185/0.320
329162	5748677-3	25	0.255/0.470

Male Screw Retaining Kit

TE CONNECTIVITY



Anixter No.	Vendor No.	Length	Plating	Flange Type
366840	5205980-1	0.250	Yellow/chromate	Metal

Female Screw Locks

TE CONNECTIVITY



Anixter No.	Vendor No.	Length	Plating
104358	745563-3	0.250	Clear
360073	5205817-1	0.312	Yellow/chromate

V.35 Extraction Tool

TE CONNECTIVITY

Anixter No.	Vendor No.	Description
135041	305183	V.35 extraction tool

Audio Connectors

NEUTRIK



Designed for use in audio, broadcast, instrumentation, computer and medical applications. Connectors (XLR Types) have die-cast zinc shells with nickel, sand-blasted finish for low glare. Silver-plated contacts.

FEATURES

- B = Black chrome shell, gold contacts
- BAG = Black chrome shell, silver contacts

Anixter No.	Vendor No.	Figure	Contacts	Gender
NC3MX	NC3MX	1	3	Male
NC3MX-B	NC3MX-B	1	3	Male
NC3FX	NC3FX	2	3	Female
NC3FX-B	NC3FX-B	2	3	Female
NC3MX-BAG	NC3MX-BAG	1	3	Male
NC4MX	NC4MX	1	4	Male
NC4MX-B	NC4MX-B	1	4	Male
NC4FX	NC4FX	2	4	Female
NC5MX	NC5MX	1	5	Male
NC5MX-B	NC5MX-B	1	5	Male
NC5FX	NC5FX	2	5	Female
NC5FX-B	NC5FX-B	2	5	Female

Copper Connectors and Accessories

RCA Type - Male Connector - Snap-N-Seal

BELDEN (FORMERLY T&B)

Features

- Designed to interface with RCA female (JACK) per IEC Specification 60603-14
- Uses the same installation tools as other Snap-N-Seal 59-6 Series product families

Electrical

- Return loss: -30 dB up to 20 MHz typical
- Insertion loss: -.27 dB up to 20 MHz typical
- RFI shielding: 100 dB up to 20 MHz typical

Mechanical

- Cable retention: 40 lb. minimum. Complies to SCTE IPS-SP-404
- Cable insertion force: < 20 lb.

Environmental

- Temperature rating: -40°F (4.4°C) to 140°F (60°C)

Anixter No.	Vendor No.	Description
282326	SNS1P6RMBL	For RG-6, blue sleeve
282327	SNS1P6RMY	For RG-6, yellow sleeve
282328	SNS1P6RMW	For RG-6, white sleeve
282329	SNS1P6RMR	For RG-6, red sleeve
282330	SNS1P6RMG	For RG-6, green sleeve
282331	SNS1P6RMBK	For RG-6, black sleeve

Phono Plugs (RCA)

SWITCHCRAFT INC



Anixter No.	Vendor No.	Description
072902	3502	Has 0.203 cable opening
3502A	3502A	Nickel contact - nickel shell

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Copper Adapters

400 and 267 Series Adapters

COMMSCOPE-SYSTIMAX SOLUTIONS



The 400E adapter has two 6-position modular jacks, one 8-position modular plug. The 267C adapter has two 6-position modular jacks, one 6-position modular plug.

Anixter No.	Vendor No.	Description	Material ID
050398	400E	One 8P8C mod plug to two 6-position modular jacks	103895538
050396	267C	One 6-position mod plug to two 6-position jacks "T" type	103715652

"Y" Bridging Adapter

SUTTLE



Splits an 8P8C plug-ended cord for output in two 6P4C modular jacks.

Anixter No.	Vendor No.	Description
152456	450A	One 8P8C to two 6P4C jacks

Modular Y-adapters

SIEMON COMPANY

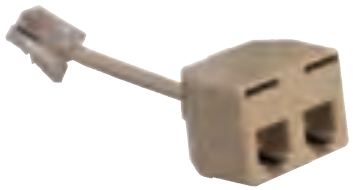


Y-adapters are compatible with all Siemon modular work area outlets, including the angled CT couplers. Y-adapters are available as "splitters" which convert one 4-pair jack into two 2-pair jacks, or one 4-pair into one 1-pair and one 3-pair jack. The "Y-bridge" is compatible with any 4-pair jack wiring and bridges one 4-pair jack to two 4-pair jacks.

Anixter No.	Vendor No.	Description
162774	YU4-U2-U2	Splits USOC pairs 1 and 2 to jack 1 and pairs 3 and 4 to jack 2
162773	YA4-U2-U2	Splits T568B pairs 1 and 2 to jack 1 and pairs 3 and 4 to jack 2
173098	YT4-U2-U2	Splits T568A pairs 1 and 2 to jack 1 and pairs 3 and 4 to jack 2
173099	YT4-E2-U2	Splits T568A/T568B pairs 2 and 3 to jack 1 and pairs 1 and 4 to jack 2
162776	YT4-E2-E2	Splits T568A/T568B pairs 2 and 3 to jack 1 and pairs 1 and 4 to jack 2
173100	YA4-A3-U1	Splits T568B pairs 1, 2 and 3 to jack 1 (356A) and pair 4 to jack 2
167313	Y-BRIDGE	Bridges all jack pairs
544567	YT4-4U1	Splits a 4-pair outlet to four individual, 1-pair 6-position outlets, T568A
236709	YA4-4U1	Splits a 4-pair outlet to four individual, 1-pair 6-position outlets, T568B

Modular Flexible Y-adapters

SUTTLE



Anixter No.	Vendor No.	Description
145692	464	4-position flexible plug to two (2) 4-position jacks, used for operator training purposes

Modular "T" Adapters

SUTTLE



Suttle's series of "T" type adapters permits quick connection of, for example, one telephone and one ancillary device equipped with modular plug-ended line cords to the same outside line without changing the existing installation. Available in a variety of wiring configurations, these adapters modify circuitry without rewiring and all are UL certified.

Anixter No.	Vendor No.	Description
057083	267A4	"T" adapter, 4-wire
056699	267A6	"T" adapter, 6-wire
090326	267B	"T" adapter for 2-line telephone
060244	267C	"T" adapter, 4-wire for telephone and modem

Copper Adapters

Telephone Triplex Adapter

SUTTLE



Anixter No.	Vendor No.	Description
198115	173A	Allows connection of three single-line phones to a single modular outlet

Impedance Matching Device

TE CONNECTIVITY



The TE Connectivity 100BASE-T Impedance Matching Device will adapt 150 ohm STP cabling systems to 100 ohm UTP (RJ45) 100BASE-T network interface cards (NICs) and concentrators. Two adapters are typically required for this: one inserted into the data connector at the work area outlet and one inserted into the data connector at the patch panel. Category 5 cable assemblies are then used between the adapters and the equipment.

Anixter No.	Vendor No.	Description
174561	558420-1	150 ohm STP to 100 ohm UTP (RJ45) 100BASE-T NICs/concentrators. Pins 1, 2, 3 and 6

Coupler Adapter

SUTTLE



The SE-159MC modular coupler may be used as an in-line device for connecting two modular-plug-ended line cords. This coupler is used for extending modular circuits without the hassle and expense of hardwired connecting blocks and is UL certified.

Technical Information & Standards

Dimensions:
Height: 0.63 in. (16 mm)
Width: 0.63 in. (16 mm)
Depth: 1.575 in. (40 mm)

Anixter No.	Vendor No.	Description
046062	159MC-4	4-conductor, coupler, reverse wiring
046061	159MC-6	6-conductor, coupler, reverse wiring
247311	159MC-8A	8-conductor coupler, straight through wiring

Coupler Adapters

COMMSCOPE-SYSTIMAX SOLUTIONS



The 451A Adapter is an in-line, double-ended modular jack that accepts two 8-position modular plugs. Used to connect two D8W-type cords, maintaining proper continuity/polarity.

Anixter No.	Vendor No.	Color/ Material	No. Mod. Jacks	Description	Material ID
058739	451A	Ivory	2	8P8C	103786240
174771	451A-61	Gray	2	8P8C	103942272

Modular In-line Couplers

TE CONNECTIVITY



Compact couplers for two modular plugs; couplers snap into 0.585 in. x 0.765 in., rectangular wallplate outlets. Wired one-to-one.

Anixter No.	Vendor No.	Description
123075	555050-1	6-position
122653	555052-1	8-position
122666	555376-1	8 (keyed)

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Copper Adapters

Modular Right Angle Coupler

TE CONNECTIVITY



Anixter No.	Vendor No.	Description
122671	555051-1	8-position

25-pin Data Adapter

ORTRONICS



Adapter consists of a 25-pin male or female D-subminiature connector with an 8-position keyed modular jack, available with eight contacts exiting from the connector at 180 degrees. The hood does not extend past the side flange of the connector body, which allows adapters to be stacked close together at the CPU or multiplexer. The hood-body attachment allows the adapter to mate with 25-pin connectors, even if mounted mate is recessed. Kit version can be put together without tools; contacts are preterminated at the factory for field installation and the connector simply snaps into the adapter housing.

Anixter No.	Vendor No.	No. of Pins Wired	No. of Positions	Gender
095911	211025DA8FKIT	8	8	F
096052	211025DA8MKIT	8	8	M

15-pin Data Adapter Kit

ORTRONICS

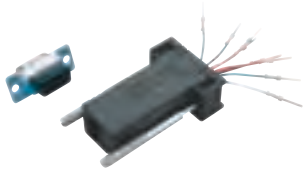


Adapter consists of DB15-pin male or female connector with an RJ45 keyed (8-contact) modular jack, exiting the connector at 180 degrees.

Anixter No.	Vendor No.	W No. of Wires P No. of Pos.	No. of Pins Wired	Gender
136470	211015DA8FKIT	8W8P	8	F
136469	211015DA8MKIT	8W8P	8	M

9-pin Data Adapter Kit

ORTRONICS



Adapter consists of a 9-pin male or female connector with an 8-position keyed modular jack available with eight contacts exiting from the connector at 180°.

Anixter No.	Vendor No.	W No. of Wires P No. of Pos.	No. of Pins Wired	Gender
130288	21109DA8FKIT	8W x 8P	8	F
130287	21109DA8MKIT	8W x 8P	8	M

356A and B Adapter

COMMSCOPE-SYSTIMAX SOLUTIONS



The 356A Adapter incorporates a 50-pin male miniribbon connector and eight 8-position jacks. The adapter is used to join connectorized 25-pair cable to 4-pair cable equipped with modular plugs. Six pins of the 356A and 356B Adapter are loaded. The adapters are ideal for linking clusters of balun adapters onto 110 hardware in a satellite closet, equipment room or computer center. This adapter should not be used with devices that require connections to all eight conductors of the modular jacks.

Anixter No.	Vendor No.	Material ID	Description
095561	356A	104158829	356A

Copper Adapters

Clarity6 and Clarity5E Jak-Paks

ORTRONICS



The Jak-Pak is a compact, flexible, multi-user solution that can be structurally mounted or used in more temporary environments. Kits come supplied with Clarity6 or Clarity5E 6-port/110 modules.

FEATURES

- T568A/B universally wired

Technical Information & Standards

The Jak-Pak is Category 6- and Category 5e-compliant

Anixter No.	Vendor No.	Description
268160	JP66U	Category 6
268161	JP5E6U	Category 5e

Gender Changer



Anixter No.	Vendor	Vendor No.	Description
362651	Ortronics	DB25HDMM	DB25 M/M
378670	Ortronics	DB25HDFF	DB25 F/F
129118	Semtron	GC15 M/M	DB15 M/M
120133	MNM Group	508-1001-003	DB15 F/F
120135	MNM Group	508-1001-009	DB9 M/M
120138	MNM Group	508-1001-002	DB9 F/F
126490	Unicom	GC-9MM-LP	DB9M/M low profile
126491	Unicom	GC-9FF-LP	DB9F/F low profile
143879	Unicom	GC-25FF-LP	DB25F/F low profile
143880	Unicom	GC-25MM-LP	DB25M/M low profile

25-pair Telephone "Goof Plugs"/Gender Changers/Direction Changers

Figure 1



Figure 2



Figure 3



Figure 4



These adapters consist of two back-to-back, 50-position miniribbon connectors mounted in a compact plastic housing. The connectors are wired straight through and are available in a variety of configurations to correct any telephone cable interconnection problem.

Gender changers (Figures 1 and 2) correct connector mating problems in continuous cable run applications. Figures 3 and 4 illustrate direction-changers which are used to correct directional problems resulting from cables routed in a single direction whose connectors are unable to physically engage.

Anixter No.	Figure	Type	Application
886882	1	Female/Female	Gender changer
886883	2	Male/Male	Gender changer
886847	3	Female/Female	Direction changer
886848	4	Male/Male	Direction changer

Copper Adapters

Bridging Adapters

SIEMON COMPANY



All bridging adapters are encased in a plastic housing. The SA2 consists of a single 2-prong clip and provides additional capacity when plugged onto 66 blocks. The SA2 also acts as a bridging clip when placed between two terminals.

The SA3 is a 1-prong clip and provides additional capacity in one-circuit increments.

The SA2 and SA3 series adapters provide additional capacity when you need to add a circuit to a block that is already fully wired. Use a high-profile cover to fit over these adapters.

Anixter No.	Vendor No.	Description
023089	SA2	2-prong bridging clip adapter
070428	SA3	1-prong bridging clip adapter

Patch Cords

Category 6 Stranded Bootless and Booted Patch Cords

COMPULINK

These cable assemblies are tested to the Category 6 component compliant requirements of ANSI/TIA-568-B.2 for the following:

- Frequency range 1 to 250 MHz
- Wire map
- Attenuation
- NEXT
- PSNEXT
- ELFEXT
- PSACR
- Return loss
- Propagation delay
- Delay skew



3-FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM03-AXC6-01B).

Anixter No.	Vendor No.	Description
MM03-AXC6-01	M88DE3FC601	White
MM03-AXC6-02	M88DE3FC602	Black
MM03-AXC6-03	M88DE3FC603	Red
MM03-AXC6-04	M88DE3FC604	Green
MM03-AXC6-05	M88DE3FC605	Yellow
MM03-AXC6-06	M88DE3FC606	Blue
MM03-AXC6-08	M88DE3FC608	Orange
MM03-AXC6-09	M88DE3FC609	Gray
MM03-AXC6-10	M88DE3FC610	Violet

5-FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM05-AXC6-01B).

Anixter No.	Vendor No.	Description
MM05-AXC6-01	M88DE5FC601	White
MM05-AXC6-05	M88DE5FC605	Yellow
MM05-AXC6-06	M88DE5FC606	Blue
MM05-AXC6-09	M88DE5FC609	Gray
MM05-AXC6-02	M88DE5FC602	Black
MM05-AXC6-03	M88DE5FC603	Red
MM05-AXC6-04	M88DE5FC604	Green
MM05-AXC6-08	M88DE5FC608	Orange
MM05-AXC6-10	M88DE5FC610	Violet

7-FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM07-AXC6-01B).

Anixter No.	Vendor No.	Description
MM07-AXC6-01	M88DE7FC601	White
MM07-AXC6-02	M88DE7FC602	Black
MM07-AXC6-03	M88DE7FC603	Red
MM07-AXC6-04	M88DE7FC604	Green
MM07-AXC6-05	M88DE7FC605	Yellow
MM07-AXC6-06	M88DE7FC606	Blue
MM07-AXC6-08	M88DE7FC608	Orange
MM07-AXC6-09	M88DE7FC609	Gray
MM07-AXC6-10	M88DE7FC610	Violet

10-FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM10-AXC6-01B).

Anixter No.	Vendor No.	Description
MM10-AXC6-01	M88DE10FC601	White
MM10-AXC6-02	M88DE10FC602	Black
MM10-AXC6-03	M88DE10FC603	Red
MM10-AXC6-04	M88DE10FC604	Green
MM10-AXC6-05	M88DE10FC605	Yellow
MM10-AXC6-06	M88DE10FC606	Blue
MM10-AXC6-08	M88DE10FC608	Orange
MM10-AXC6-09	M88DE10FC609	Gray
MM10-AXC6-10	M88DE10FC610	Violet

14-FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM14-AXC6-01B).

Anixter No.	Vendor No.	Description
MM14-AXC6-01	M88DE14FC601	White
MM14-AXC6-02	M88DE14FC602	Black
MM14-AXC6-03	M88DE14FC603	Red
MM14-AXC6-04	M88DE14FC604	Green
MM14-AXC6-05	M88DE14FC605	Yellow
MM14-AXC6-06	M88DE14FC606	Blue
MM14-AXC6-08	M88DE14FC608	Orange
MM14-AXC6-09	M88DE14FC609	Gray
MM14-AXC6-10	M88DE14FC610	Violet

20-FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM20-AXC6-01B).

Anixter No.	Vendor No.	Description
MM20-AXC6-01	M88DE20FC601	White
MM20-AXC6-02	M88DE20FC602	Black
MM20-AXC6-03	M88DE20FC603	Red
MM20-AXC6-04	M88DE20FC604	Green
MM20-AXC6-05	M88DE20FC605	Yellow
MM20-AXC6-06	M88DE20FC606	Blue
MM20-AXC6-08	M88DE20FC608	Orange
MM20-AXC6-09	M88DE20FC609	Gray
MM20-AXC6-10	M88DE20FC610	Violet

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Patch Cords

25-FOOT PATCH CABLE ASSEMBLIES

NOTE: Add "B" at end of Anixter part number for booted version (e.g. MM25-AXC6-01B).

Anixter No.	Vendor No.	Description
MM25-AXC6-01	M88DE25FC601	White
MM25-AXC6-02	M88DE25FC602	Black
MM25-AXC6-03	M88DE25FC603	Red
MM25-AXC6-04	M88DE25FC604	Green
MM25-AXC6-05	M88DE25FC605	Yellow
MM25-AXC6-06	M88DE25FC606	Blue
MM25-AXC6-08	M88DE25FC608	Orange
MM25-AXC6-09	M88DE25FC609	Gray
MM25-AXC6-10	M88DE25FC610	Violet

For information on coax assemblies, visit www.coaxplanet.com or contact your local sales office.

Enhanced Category 5e Stranded Bootless Patch Cords

COMPULINK

These Enhanced Category 5e patch cable assemblies are tested to the requirements of ANSI/TIA-568-B for the following:

- Frequency range 1 to 150 MHz
- Wire map
- TDX
- Attenuation
- NEXT
- PSNEXT
- PSACR
- Return loss
- Propagation delay
- Delay skew



3-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM03-AX6-01	M88DE3F601	White
MM03-AX6-02	M88DE3F602	Black
MM03-AX6-03	M88DE3F603	Red
MM03-AX6-04	M88DE3F604	Green
MM03-AX6-05	M88DE3F605	Yellow
MM03-AX6-06	M88DE3F606	Blue
MM03-AX6-08	M88DE3F608	Orange
MM03-AX6-09	M88DE3F609	Gray
MM03-AX6-10	M88DE3F610	Violet

5-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM05-AX6-01	M88DE5F601	White
MM05-AX6-02	M88DE5F602	Black
MM05-AX6-03	M88DE5F603	Red
MM05-AX6-04	M88DE5F604	Green
MM05-AX6-05	M88DE5F605	Yellow
MM05-AX6-06	M88DE5F606	Blue
MM05-AX6-08	M88DE5F608	Orange
MM05-AX6-09	M88DE5F609	Gray
MM05-AX6-10	M88DE5F610	Violet

7-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM07-AX6-01	M88DE7F601	White
MM07-AX6-02	M88DE7F602	Black
MM07-AX6-03	M88DE7F603	Red
MM07-AX6-04	M88DE7F604	Green
MM07-AX6-05	M88DE7F605	Yellow
MM07-AX6-06	M88DE7F606	Blue
MM07-AX6-08	M88DE7F608	Orange
MM07-AX6-09	M88DE7F609	Gray
MM07-AX6-10	M88DE7F610	Violet

10-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM10-AX6-01	M88DE10F601	White
MM10-AX6-02	M88DE10F602	Black
MM10-AX6-03	M88DE10F603	Red
MM10-AX6-04	M88DE10F604	Green
MM10-AX6-05	M88DE10F605	Yellow
MM10-AX6-06	M88DE10F606	Blue
MM10-AX6-08	M88DE10F608	Orange
MM10-AX6-09	M88DE10F609	Gray
MM10-AX6-10	M88DE10F610	Violet

14-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM14-AX6-01	M88DE14F601	White
MM14-AX6-02	M88DE14F602	Black
MM14-AX6-03	M88DE14F603	Red
MM14-AX6-04	M88DE14F604	Green
MM14-AX6-05	M88DE14F605	Yellow
MM14-AX6-06	M88DE14F606	Blue
MM14-AX6-08	M88DE14F608	Orange
MM14-AX6-09	M88DE14F609	Gray
MM14-AX6-10	M88DE14F610	Violet

20-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM20-AX6-01	M88DE20F601	White
MM20-AX6-02	M88DE20F602	Black
MM20-AX6-03	M88DE20F603	Red
MM20-AX6-04	M88DE20F604	Green
MM20-AX6-05	M88DE20F605	Yellow
MM20-AX6-06	M88DE20F606	Blue
MM20-AX6-08	M88DE20F608	Orange
MM20-AX6-09	M88DE20F609	Gray
MM20-AX6-10	M88DE20F610	Violet

Continued on next page >>

Patch Cords

(continued) Category 5e Stranded Bootless Patch Cords

25-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM25-AX6-01	M88DE25F601	White
MM25-AX6-02	M88DE25F602	Black
MM25-AX6-03	M88DE25F603	Red
MM25-AX6-04	M88DE25F604	Green
MM25-AX6-05	M88DE25F605	Yellow
MM25-AX6-06	M88DE25F606	Blue
MM25-AX6-08	M88DE25F608	Orange
MM25-AX6-09	M88DE25F609	Gray
MM25-AX6-10	M88DE25F610	Violet

For information on fiber assemblies, visit www.compulink-usa.com or contact your local sales office.

Category 5e Stranded Bootless Patch Cords

COMPULINK

These Category 5e patch cable assemblies are tested to the requirements of ANSI/TIA-568-B for the following:

- Frequency range 1 to 100 MHz
- Wire map
- Attenuation
- NEXT
- PSNEXT
- PSACR
- Return loss
- Propagation delay
- Delay skew



1-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM01-AX5-05	M88DE1FL505	Yellow
MM01-AX5-06	M88DE1FL506	Blue
MM01-AX5-09	M88DE1FL509	Gray

3-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM03-AX5-01	M88DE3FL501	White
MM03-AX5-02	M88DE3FL502	Black
MM03-AX5-03	M88DE3FL503	Red
MM03-AX5-04	M88DE3FL504	Green
MM03-AX5-05	M88DE3FL505	Yellow
MM03-AX5-06	M88DE3FL506	Blue
MM03-AX5-08	M88DE3FL508	Orange
MM03-AX5-09	M88DE3FL509	Gray
MM03-AX5-10	M88DE3FL510	Violet

5-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM05-AX5-01	M88DE5FL501	White
MM05-AX5-02	M88DE5FL502	Black
MM05-AX5-03	M88DE5FL503	Red
MM05-AX5-04	M88DE5FL504	Green
MM05-AX5-05	M88DE5FL505	Yellow
MM05-AX5-06	M88DE5FL506	Blue
MM05-AX5-08	M88DE5FL508	Orange
MM05-AX5-09	M88DE5FL509	Gray
MM05-AX5-10	M88DE5FL510	Violet

7-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM07-AX5-01	M88DE7FL501	White
MM07-AX5-02	M88DE7FL502	Black
MM07-AX5-03	M88DE7FL503	Red
MM07-AX5-04	M88DE7FL504	Green
MM07-AX5-05	M88DE7FL505	Yellow
MM07-AX5-06	M88DE7FL506	Blue
MM07-AX5-08	M88DE7FL508	Orange
MM07-AX5-09	M88DE7FL509	Gray
MM07-AX5-10	M88DE7FL510	Violet

10-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM10-AX5-01	M88DE10FL501	White
MM10-AX5-02	M88DE10FL502	Black
MM10-AX5-03	M88DE10FL503	Red
MM10-AX5-04	M88DE10FL504	Green
MM10-AX5-05	M88DE10FL505	Yellow
MM10-AX5-06	M88DE10FL506	Blue
MM10-AX5-08	M88DE10FL508	Orange
MM10-AX5-09	M88DE10FL509	Gray
MM10-AX5-10	M88DE10FL510	Violet

14-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM14-AX5-01	M88DE14FL501	White
MM14-AX5-02	M88DE14FL502	Black
MM14-AX5-03	M88DE14FL503	Red
MM14-AX5-04	M88DE14FL504	Green
MM14-AX5-05	M88DE14FL505	Yellow
MM14-AX5-06	M88DE14FL506	Blue
MM14-AX5-08	M88DE14FL508	Orange
MM14-AX5-09	M88DE14FL509	Gray
MM14-AX5-10	M88DE14FL510	Violet

20-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM20-AX5-01	M88DE20FL501	White
MM20-AX5-02	M88DE20FL502	Black
MM20-AX5-03	M88DE20FL503	Red
MM20-AX5-04	M88DE20FL504	Green

Patch Cords

Anixter No.	Vendor No.	Description
MM20-AX5-05	M88DE20FL505	Yellow
MM20-AX5-06	M88DE20FL506	Blue
MM20-AX5-08	M88DE20FL508	Orange
MM20-AX5-09	M88DE20FL509	Gray
MM20-AX5-10	M88DE20FL510	Violet

25-FOOT PATCH CABLE ASSEMBLIES

Anixter No.	Vendor No.	Description
MM25-AX5-01	M88DE25FL501	White
MM25-AX5-02	M88DE25FL502	Black
MM25-AX5-03	M88DE25FL503	Red
MM25-AX5-04	M88DE25FL504	Green
MM25-AX5-05	M88DE25FL505	Yellow
MM25-AX5-06	M88DE25FL506	Blue
MM25-AX5-08	M88DE25FL508	Orange
MM25-AX5-09	M88DE25FL509	Gray
MM25-AX5-10	M88DE25FL510	Violet

For information on coax assemblies, visit www.coaxplanet.com or contact your local sales office.

Enhanced Category 5e and Category 6 Crossover Patch Cords

COMPULINK

These Enhanced Category 5e and 6 crossover patch cords are full duplex, RJ45 to RJ45, PVC, UTP and stranded. Also available in other colors.

Technical Information & Standards

Pin 1 White/Orange Pin 3
Pin 2 Orange/White Pin 6
Pin 3 White/Green Pin 1
Pin 4 Blue/White Pin 7
Pin 5 White/Blue Pin 8
Pin 6 Green/White Pin 2
Pin 7 White/Brown Pin 4
Pin 8 Brown/White Pin 5

ENHANCED CATEGORY 5E

Anixter No.	Vendor No.	Description
MM03-C5EXR-03	MM03-6XR-03	3 ft., red
MM05-C5EXR-03	MM05-6XR-03	5 ft., red
MM07-C5EXR-03	MM07-6XR-03	7 ft., red
MM10-C5EXR-03	MM10-6XR-03	10 ft., red
MM14-C5EXR-03	MM14-6XR-03	14 ft., red
MM25-C5EXR-03	MM25-6XR-03	25 ft., red

CATEGORY 6

Anixter No.	Vendor No.	Description
MM03-C6XR-03	MM03-C6XR-03	3 ft., red
MM05-C6XR-03	MM05-C6XR-03	5 ft., red
MM07-C6XR-03	MM07-C6XR-03	7 ft., red
MM10-C6XR-03	MM10-C6XR-03	10 ft., red
MM14-C6XR-03	MM14-C6XR-03	14 ft., red
MM25-C6XR-03	MM25-C6XR-03	25 ft., red

RJ11 Voice-grade Modular Cords

These assemblies feature 6-position, modular, nonkeyed plugs on each end with USOC wiring. They contain either stranded or solid copper conductors as indicated. While these assemblies are not compliant with ANSI/TIA-T568 standard requirements, performance categories are shown for informative purposes. All assemblies use plugs which adhere to FCC requirements for contact and dimensions. In addition, all assemblies are wired identically on both ends (straight through).

Anixter No.	Category	Pairs	Solid/Stranded	Length (ft.)	Length (m)
889231	2	2	Solid	10	3.04
889501	2	2	Solid	14	4.26
889232	2	2	Solid	25	7.62
889242	2	3	Solid	25	7.62
127181	3	2	Stranded	3	0.91
124870	3	2	Stranded	7	2.13

D8W Line Cords

LYNN ELECTRONICS



8/C-round, gray

Anixter No.	Vendor No.	Length (ft.)
106309	D8W-87-1	1
089726	D8W-87-7	7
088954	D8W-87-14	14
088953	D8W-87-25	25

Patch Cords

Line Cords

LYNN ELECTRONICS



Silver satin full modular line cords.

4/C

Anixter No.	Vendor No.	Length (ft.)
052291	L4C-M-M-1-SIL	1
066645	L4C-M-M-7-SIL	7
093919	L4C-M-M-14-SIL	14
093775	L-D4BU-25-SS	25

6/C

Anixter No.	Vendor No.	Length (ft.)
093768	L6C-M-M-7-SIL	7
060881	L6C-M-M-14-SIL	14
066649	L6C-M-M-25-SIL	25

8/C-PINNED 1-8, UNKEYED

Anixter No.	Vendor No.	Length (ft.)
096538	L8C-MRM-07-SI1N	7
060245	L8C-MRM-14-SILN	14
106887	L8C-MRM-25-SILN	25

D4BU Line Cords

LYNN ELECTRONICS

4/C-flat cable, gray

Anixter No.	Vendor No.	Length (ft.)
066869	D4BU-87	14
054002	D4BU-87-25	25

Handset Cords

LYNN ELECTRONICS



These are fully modular, 4-conductor handset cords.

6-FOOT CORDS

Anixter No.	Vendor No.	Description
066637	L-H4DU-06-LA	Ash
060676	H4C-M-M-6-BE	Beige
038424	H4C-M-M-6-BK	Black
095529	H4C-M-M-6-IV	Ivory
082081	H4C-M-M-6-WH	White

9-FOOT CORDS

Anixter No.	Vendor No.	Description
097184	H4C-M-M-9-ASH	Ash
061851	H4C-M-M-9-BE	Beige
072680	H4C-M-M-9-BK	Black
061850	H4C-M-M-9-IV	Ivory

12-FOOT CORDS

Anixter No.	Vendor No.	Description
066641	H4C-M-M-12-ASH	Ash
079868	H4C-M-M-12-BE	Beige
066864	H4C-M-M-12-BK	Black
066644	H4C-M-M-12-IV	Ivory
062030	H4C-M-M-12-WH	White

15-FOOT CORDS

Anixter No.	Vendor No.	Description
057673	H4C-M-M-15-ASH	Ash
041771	H4C-M-M-15-BE	Beige
072681	H4C-M-M-15-BK	Black
043602	H4C-M-M-15-IV	Ivory

25-FOOT CORDS

Anixter No.	Vendor No.	Description
067059	H4C-M-M-25-ASH	Ash
060664	H4C-M-M-25-BE	Beige
096913	H4C-M-M-25-BK	Black
060663	H4C-M-M-25-IV	Ivory
043264	H4C-M-M-25-WH	White
166867	H4C-M-M-25-CG	Charcoal gray

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Patch Cords

Nonplenum Plug-ended Cable

LYNN ELECTRONICS



Nonplenum plug-ended cable consists of either four, six or eight polyethylene-insulated, 24 AWG (0.205 mm^2), solid copper conductors arranged in twisted pairs within a polyvinyl chloride jacket and a modular plug on one or both ends. The DW4A Series has four conductors in two twisted pairs (2 and 5, 3 and 4) with one, 6-position modular plug. The DW8A Series has eight conductors in four twisted pairs (1 and 2, 3 and 6, 4 and 5, 7 and 8) with either one or two 8-position modular plugs. Plug-ended cable is available in standard lengths, ranging from 10 to 100 ft. (3.04 to 30.48 m). Light gray. SE = single-ended, DE = double-ended.

Technical Information & Standards

Dimensions:
Lengths: 2 ft., 10 ft., 25 ft., 50 ft., 75 ft. and 100 ft.
Physical Specifications:
Gauge: 24 AWG (.205 mm^2)
Pair Size: 2, 3 and 4

Anixter No.	Vendor No.	Pair Size	Length (ft.)	Length (m)
104013	DW4A-SE-10	2	10	3.05
104018	DW8A-SE-10	4	10	3.05
103787	DW8A-DE-10	4	10	3.05
050404	DW8A-DE-25	4	25	7.62

Bulk Line Cord

LYNN ELECTRONICS

Bulk cordage used for modular line cords.

SPECIFICATIONS

1. Stranded bare copper conductors
2. Flat construction
3. PVC jacket

Anixter No.	No. of Conductors	AWG	Jacket Color
L-4C26F02	4	26	Black
L-4C26F19	4	26	Silver satin
L-4C28F19	4	28	Silver satin
L-6C26F02	6	26	Black
L-6C26F19	6	26	Silver satin
L-6C28F19	6	28	Silver satin
L-8C26F02	8	26	Black
L-8C26F19	8	26	Silver satin
L-8C28F19	8	28	Silver satin

25-pair Assemblies - Category 5

COMMSCOPE-SYSTIMAX SOLUTIONS



The SYSTIMAX 525 Connectorized 25-pair cords consist of the 25-pair cable terminated at each end with a SYSTIMAX 525 Category 5 telco-type connector. The 1061C 25-pair cable is a high-speed, 100 ohm, high-performance cable with excellent PSNEXT levels, which ensures excellent high-speed transmission. Specially designed by SYSTIMAX Labs, the 525 25-pair connector is fully backwards-compatible with the standard telco connector, in both pinout and physical connectability. This compatibility provides a user-friendly migration path from today's technologies - including the widely deployed 10BASE-T - to sophisticated, high-performance ATM applications. The 525 connectorized Category 5 cords have male plugs with a 90 degree angle.

Technical Information & Standards

ANSI/TIA Category 5 compliant

90 DEGREE/90 DEGREE, NONPLENUM

Anixter No.	Vendor No.	Length (ft.)	Material ID
172131	CC525PP-5	5	107523516
172136	CC525PP-10	10	107523524
172137	CC525PP-15	15	107523532
172139	CC525PP-25	25	107523672
172149	CC525PP-40	40	107523748
172150	CC525PP-50	50	107523771
172153	CC525PP-100	100	107523854
172154	CC525PP-150	150	107523888

90 DEGREE/UNTERMINATED, NONPLENUM

Anixter No.	Vendor No.	Length (ft.)	Material ID
172158	CC525PN-15	15	107524795
172160	CC525PN-25	25	107524811
172163	CC525PN-50	50	107524886
172166	CC525PN-100	100	107524936

IN-LINE/IN-LINE, NONPLENUM

Anixter No.	Vendor No.	Length (ft.)	Material ID
193506	CC525CC-5A	5	108156001
193507	CC525CC-10A	10	108156027
193508	CC525CC-15A	15	108199761
193509	CC525CC-25A	25	108156068
193650	CC525CC-50A	50	108036740

Continued on next page >>

Patch Cords

(continued) 25-pair Assemblies - Category 5

IN-LINE/UNTERMINATED, NONPLENUM

Anixter No.	Vendor No.	Length (ft.)	Material ID
347419	CC525CN-025A	25	108262908
347418	CC525CN-050A	50	108036765
360094	CC525CN-100A	100	108301169

RIGHT ANGLE 110/IN-LINE, NONPLENUM

Anixter No.	Vendor No.	Length (ft.)	Material ID
194713	CC525RC-5A	5	108189291
194714	CC525RC-10A	10	108189317
194715	CC525RC-15A	15	108199753
194716	CC525RC-25A	25	108189333

LEFT ANGLE 110/IN-LINE, NONPLENUM

Anixter No.	Vendor No.	Length (ft.)	Material ID
193717	CC525AC-10A	10	108199720
193719	CC525AC-25A	25	108199746
270528	CC525AC-50A	50	108036773

25-pair Preconnectorized Telco Assemblies - Category 3



PVC - SINGLE-ENDED MALE

Anixter No.	Length (ft.)	Length (m)
143741	5	1.5
143742	10	3.0
143743	15	4.6
143744	25	7.6
143745	50	15.2
143746	100	30.5

PVC - SINGLE-ENDED FEMALE

Anixter No.	Length (ft.)	Length (m)
143747	5	1.5
143748	10	3.0
143749	15	4.6
143750	25	7.6
143751	50	15.2
143752	100	30.5

PVC - DOUBLE-ENDED MALE TO MALE

Anixter No.	Length (ft.)	Length (m)
143759	5	1.5
143760	10	3.0
143761	15	4.6
143762	25	7.6
143763	50	15.2
143764	100	30.5

PVC - DOUBLE-ENDED FEMALE TO FEMALE

Anixter No.	Length (ft.)	Length (m)
143753	5	1.5
143754	10	3.0
143755	15	4.6
143756	25	7.6
143757	50	15.2
143758	100	30.5

PVC - DOUBLE-ENDED MALE TO FEMALE

Anixter No.	Length (ft.)	Length (m)
143765	5	1.5
143766	10	3.0
143767	15	4.6
143768	25	7.6
143769	50	15.2
143770	100	30.5

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