



Section 7: Connectors & Heat Shrink





Table of Contents

T&B LRC

- Adaptors & Terminators 7 - 3
- Attenuator Pads 7 - 12
- Entry Connectors 7 - 13
- F Series Adaptors 7 - 17
- F Series Female Connectors 7 - 19
- F Series Male Connectors 7 - 20
- F Series Terminators 7 - 22
- Ground Blocks 7 - 25
- Snap-N-Seal 7 - 26

Corning

- F Connectors 7 - 29
- F Connectors Accessories 7 - 31
- G2 Series Connectors 7 - 36
- GRS Series Connectors 7 - 39
- Trunk & Distribution Products 7 - 44

Canusa

- Heat Shrink 7 - 51

Tyco

- Heat Shrink 7 - 54

Adaptors & Terminators

Cable Group Chart

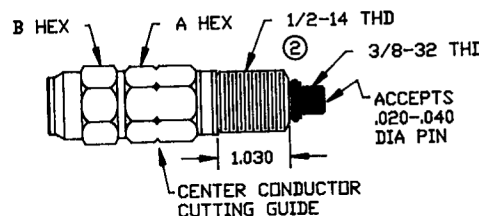
Manufacturer	Cable Types
Cable Group A	
CCS Hatfield	GID I*, Chema Foam*
Cerro	GX™*, Polyethylene™*
CommScope	Parameter I®*, Alumagard®*
Systems	11& 12*, 21 &22*
Times	Alumifoam®*, Alumifoam II®*
Cable Group B	
Cerro	Cerrofoam™*
CommScope	Cell-O-Air®*
Times	Dynafoam™*, Dynaplug™*
Cable Group C	
General Cable	Fused Disc I™*, II™*
Cable Group D	
CommScope	Parameter II®*
Cable Group E	
CCS Hatfield	GID III*
Cerro	GXX™*
CommScope	Parameter III
Scientific Atlanta	GID III*
Systems	31 & 32*
Times	Alumifoam III™*, T4™, T4+™, T6™, T10™
Capscan	4*
Cable Group F	
Scientific Atlanta	Cable Flex
Cable Group G	
Times	TX™
Cable Group H	
CommScope	Quantum Reach®
Cable Group I	
Trilogy	MC2
Cable Group J	
General Cable	Fused
Cable Group K	
General Cable	Fused Disc Metric III™*

Three Piece Adaptor

Two Piece Cable To "F" Female Adaptor Bulkhead



Bulkhead connector capable of being secured in place for permanent mounting.



Part Number	Cable Group (*)	Center Cond.	Cable O.D.	Dimension	
				A	B
BI412FFK	A	.080	.412	13/16	7/8
BI412FFK3	E,J	.092	.412	13/16	7/8
BI440FFMC	I	.105	.450	1	1
BI500FFK	A	.100	.500	1	1
BI500FFK3	E,J	.109	.500	1	1
BI500FFMC	I	.123	.510	1	1
BI500FFQR	H	.117	.580	1	1
BI540FFQR	H	.124	.610	1	1
BI565FFTX	G	.129	.565	1	1
BI625FFK3	E	.137	.625	1	1
BI650FFMC	I	.156	.640	1-1/8	1-1/8
BI700FFTX	G	.163	.703	1-1/8	1-1/8
BI715FFQR	H	.166	.785	1-3/16	1-3/16
BI750FFK	A	.148	.750	1-1/8	1-1/8
BI750FFK3	E	.167	.750	1-1/8	1-1/8
BI750FFMC	I	.185	.760	1-1/8	1-1/8
BI840FFTX	G	.194	.840	1-3/8	1-3/8
BI860FFQR	H	.203	.960	1-1/2	1-1/2
BI875FFK3	E	.194	.875	1-3/8	1-3/8
BI1000FFK3	E	.220	1.000	1-1/2	1-1/2
BI1000FFMC	I	.248	1.015	1-1/2	1-1/2
BI1125FFQR	H	.263	1.225	1-3/4	1-3/4
BI1160FFTX	G	.269	1.160	1-3/4	1-3/4

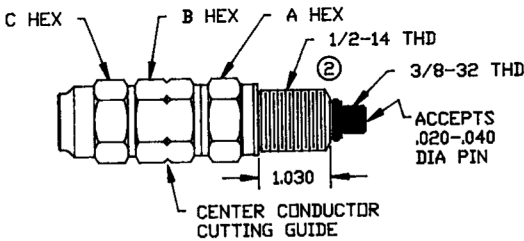
Adaptors & Terminators

Three Piece Adaptor

Three Piece Cable To "F" Female Adaptor Bulkhead



Bulkhead connector capable of being secured in place for permanent mounting.

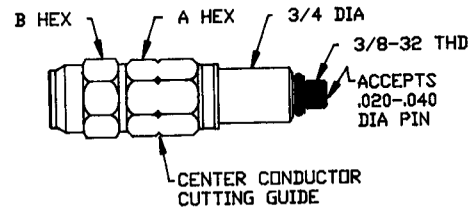


Two Piece Adaptor

Two Piece Cable To "F" Female Adaptor



Cable to "F" Female Adaptor with center conductor seizing mechanism and integral mandrel.



Part Number	Cable Grp (*)	Cntr. Cond.	Cable O.D.	Dimension		
				A	B	C
BAI412FFW	A	.080	.412	15/16	15/16	15/16
BAI412FFW2	D	.092	.412	15/16	15/16	15/16
BAI412FFW3	E	.092	.412	15/16	15/16	15/16
BAI412FFSW	B	.092	.412	15/16	15/16	15/16
BAI440FFMC2	I	.105	.450	15/16	15/16	15/16
BAI500FFW	A	.100	.500	1	1	1
BAI500FFW2	D	.111	.500	1	1	1
BAI500FFW3	E	.109	.500	1	1	1
BAI500FFMC2	I	.123	.510	1	1	1
BAI500FFSW	B	.115	.500	1	1	1
BAI540FFQR	H	.124	.610	1-1/8	1-1/8	1-1/8
BAI565FFTX	G	.129	.565	1-1/8	1-1/8	1-1/8
BAI625FFW3	E	.137	.625	1-1/8	1-1/8	1-1/8
BAI650FFMC2	I	.156	.640	1-1/8	1-1/8	1-1/8
BAI700FFTX	G	.163	.703	1-3/16	1-3/16	1-3/16
BAI715FFQR	H	.166	.785	1-1/2	1-1/2	1-1/2
BAI750FFW	A	.148	.750	1-3/16	1-3/16	1-3/16
BAI750FFW2	D	.169	.750	1-3/16	1-3/16	1-3/16
BAI750FFW3	E	.167	.750	1-3/16	1-3/16	1-3/16
BAI750FFMC2	I	.185	.760	1-3/16	1-3/16	1-3/16
BAI750FFSW	B	.173	.750	1-3/16	1-3/16	1-3/16
BAI840FFTX	G	.194	.840	1-1/2	1-1/2	1-1/2
BAI860FFQR	H	.203	.960	1-1/2	1-1/2	1-1/2
BAI875FFW3	E	.198	.875	1-1/2	1-1/2	1-1/2
BAI1000FFW	A	.194	1.000	1-3/4	1-3/4	1-3/4
BAI1000FFW2	D	.225	1.000	1-3/4	1-3/4	1-3/4
BAI1000FFW3	E	.220	1.000	1-3/4	1-3/4	1-3/4
BAI1000FFMC2	I	.248	1.015	1-3/4	1-3/4	1-3/4
BAI1000FFSW	B	.227	1.000	1-3/4	1-3/4	1-3/4
BAI1125FFQR	H	.263	1.225	1-3/4	1-3/4	1-3/4

Part Number	Cable Grp (*)	Cntr. Cond.	Cable O.D.	Dimension	
				A	B
AI412FFK	A	.080	.412	13/16	7/8
AI412FFK3	E, J	.092	.412	13/16	7/8
AI440FFMC2	I	.105	.450	1	1
AI500FFK	A	.100	.500	1	1
AI500FFK3	E, J	.109	.500	1	1
AI500FFMC2	I	.123	.510	1	1
AI500FFQR	H	.117	.580	1	1
AI540FFQR	H	.124	.610	1	1
AI565FFTX	G	.129	.565	1	1
AI625FFK3	E	.137	.625	1	1
AI650FFMC2	I	.156	.640	1-1/8	1-1/8
AI700FFTX	G	.163	.703	1-1/8	1-1/8
AI715FFQR	H	.166	.785	1-3/16	1-3/16
AI750FFK	A	.148	.750	1-1/8	1-1/8
AI750FFK3	E	.167	.750	1-1/8	1-1/8
AI750FFMC2	I	.185	.760	1-1/8	1-1/8
AI840FFTX	G	.194	.840	1-3/8	1-3/8
AI860FFQR	H	.203	.960	1-1/2	1-1/2
AI875FFK3	E	.194	.875	1-3/8	1-3/8
AI1000FFK3	E	.220	1.000	1-1/2	1-1/2
AI1000FFMC2	I	.248	1.015	1-1/2	1-1/2
AI1125FFQR	H	.263	1.225	1-3/4	1-3/4
AI1160FFTX	G	.269	1.160	1-3/4	1-3/4

(*) Cable Group Chart

Thomas & Betts LRC

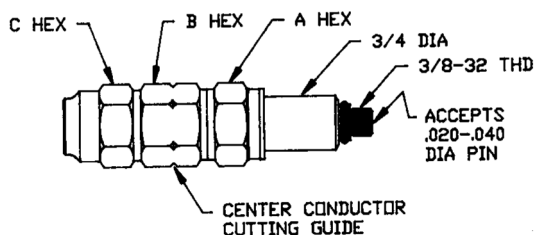
Adaptors & Terminators

Three Piece Adaptor

Three Piece Cable To "F" Female Adaptor



Cable to "F" Female Adaptor with center conductor seizing mechanism and integral mandrel.

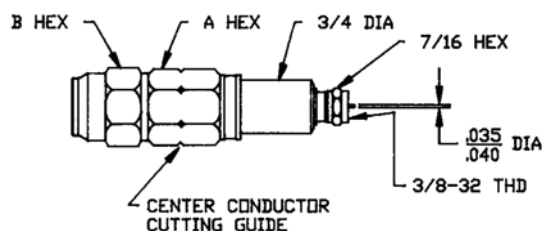


Two Piece Adaptor

Two Piece Cable To "F" Male Adaptor



Cable to "F" Male Adaptor with center conductor seizing mechanism and integral mandrel.



Part Number	Cable Grp (*)	Cntr. Cond.	Cable O.D.	Dimension		
				A	B	C
AI412FFW	A	.080	.412	15/16	15/16	15/16
AI412FFW2	D	.092	.412	15/16	15/16	15/16
AI412FFW3	E	.092	.412	15/16	15/16	15/16
AI412FFSW	B	.092	.412	15/16	15/16	15/16
AI440FFWMC2	I	.105	.450	15/16	15/16	15/16
AI500FFW	A	.100	.500	1	1	1
AI500FFW2	D	.111	.500	1	1	1
AI500FFW3	E	.109	.500	1	1	1
AI500FFWMC2	I	.123	.510	1	1	1
AI500FFSW	B	.115	.500	1	1	1
AI540FFWQR	H	.124	.610	1-1/8	1-1/8	1-1/8
AI565FFWTX	G	.129	.565	1-1/8	1-1/8	1-1/8
AI625FFW3	E	.137	.625	1-1/8	1-1/8	1-1/8
AI650FFWMC2	I	.156	.640	1-1/8	1-1/8	1-1/8
AI700FFWTX	G	.163	.703	1-3/16	1-3/16	1-3/16
AI715FFWQR	H	.166	.785	1-1/2	1-1/2	1-1/2
AI750FFW	A	.148	.750	1-3/16	1-3/16	1-3/16
AI750FFW2	D	.169	.750	1-3/16	1-3/16	1-3/16
AI750FFW3	E	.167	.750	1-3/16	1-3/16	1-3/16
AI750FFWMC2	I	.185	.760	1-3/16	1-3/16	1-3/16
AI750FFSW	B	.173	.750	1-3/16	1-3/16	1-3/16
AI840FFWTX	G	.194	.840	1-1/2	1-1/2	1-1/2
AI860FFWQR	H	.203	.960	1-1/2	1-1/2	1-1/2
AI875FFW3	E	.194	.875	1-1/2	1-1/2	1-1/2
AI1000FFW	A	.193	1.000	1-3/4	1-3/4	1-3/4
AI1000FFW2	D	.225	1.000	1-3/4	1-3/4	1-3/4
AI1000FFW3	E	.220	1.000	1-3/4	1-3/4	1-3/4
AI100FFWMC2	I	.248	1.015	1-3/4	1-3/4	1-3/4
AI1000FFSW	B	.227	1.000	1-3/4	1-3/4	1-3/4
AI1125FFWQR	H	.263	1.225	1-3/4	1-3/4	1-3/4

Part Number	Cable Grp (*)	Cntr. Cond.	Cable O.D.	Dimension	
				A	B
AI412FMK	A	.080	.412	13/16	7/8
AI412FMK3	E, J	.092	.412	13/16	7/8
AI440FMMC2	I	.105	.450	1	1
AI500FMK	A	.100	.500	1	1
AI500FMK3	E, J	.109	.500	1	1
AI500FMMC2	I	.123	.510	1	1
AI500FMQR	H	.117	.580	1	1
AI540FMQR	H	.124	.610	1	1
AI565FMTX	G	.129	.565	1	1
AI625FMK3	E	.137	.625	1	1
AI650FMMC2	I	.156	.640	1-1/8	1-1/8
AI700FMTX	G	.163	.703	1-1/8	1-1/8
AI715FMQR	H	.166	.785	1-3/16	1-3/16
AI750FMK	A	.148	.750	1-1/8	1-1/8
AI750FMK3	E	.167	.750	1-1/8	1-1/8
AI750FMMC2	I	.185	.760	1-1/8	1-1/8
AI840FMTX	G	.194	.840	1-3/8	1-3/8
AI860FMQR	H	.203	.960	1-1/2	1-1/2
AI875FMK3	E	.194	.875	1-3/8	1-3/8
AI1000FMK3	E	.220	1.000	1-1/2	1-1/2
AI1000FMMC2	I	.248	1.015	1-1/2	1-1/2
AI1125FMQR	H	.263	1.225	1-3/4	1-3/4
AI1160FMTX	G	.269	1.160	1-3/4	1-3/4

(*) Cable Group Chart

Thomas & Betts LRC

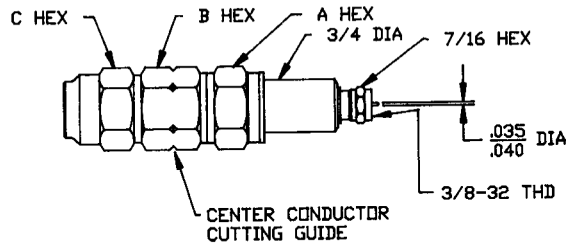
Adaptors & Terminators

Three Piece Adaptor

Three Piece Cable To "F" Male Adaptor



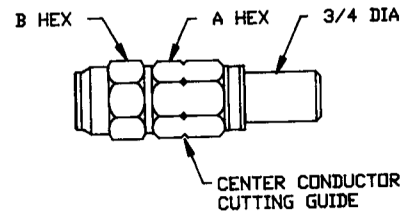
Cable to "F" Male Adaptor with center conductor seizing mechanism and integral mandrel.



Two Piece Cable Adaptor



Terminates RF signals and blocks 60 Hz AC power.



Part Number	Cable Grp (*)	Cntr. Cond.	Cable O.D.	Dimension		
				A	B	C
AI412FMW	A	.080	.412	15/16	15/16	15/16
AI412FMW2	D	.092	.412	15/16	15/16	15/16
AI412FMW3	E	.092	.412	15/16	15/16	15/16
AI440FMWMC2	I	.105	.450	15/16	15/16	15/16
AI412FMSW	B	.092	.412	15/16	15/16	15/16
AI500FMW	A	.100	.500	1	1	1
AI500FMW2	D	.111	.500	1	1	1
AI500FMW3	E	.109	.500	1	1	1
AI500FMWMC2	I	.123	.510	1	1	1
AI500FMSW	B	.115	.500	1	1	1
AI540FMWQR	H	.124	.610	1-1/8	1-1/8	1-1/8
AI565FMWTX	G	.129	.565	1-1/8	1-1/8	1-1/8
AI625FMW3	E	.137	.625	1-1/8	1-1/8	1-1/8
AI650FMWMC2	I	.156	.640	1-1/8	1-1/8	1-1/8
AI700FMWTX	G	.163	.703	1-3/16	1-3/16	1-3/16
AI715FMWQR	H	.166	.785	1-1/2	1-1/2	1-1/2
AI750FMW	A	.148	.750	1-3/16	1-3/16	1-3/16
AI750FMW2	D	.169	.750	1-3/16	1-3/16	1-3/16
AI750FMW3	E	.167	.750	1-3/16	1-3/16	1-3/16
AI750FMWMC2	I	.185	.760	1-3/16	1-3/16	1-3/16
AI750FMSW	B	.173	.750	1-3/16	1-3/16	1-3/16
AI840FMWTX	G	.194	.840	1-1/2	1-1/2	1-1/2
AI860FMWQR	H	.203	.960	1-1/2	1-1/2	1-1/2
AI875FMW3	E	.194	.875	1-1/2	1-1/2	1-1/2
AI1000FMW	A	.193	1.000	1-3/4	1-3/4	1-3/4
AI1000FMW2	D	.225	1.000	1-3/4	1-3/4	1-3/4
AI1000FMW3	E	.220	1.000	1-3/4	1-3/4	1-3/4
AI1000FMMC2	I	.248	1.015	1-3/4	1-3/4	1-3/4
AI1000FMSW	B	.227	1.000	1-3/4	1-3/4	1-3/4
AI1125FMQR	H	.263	1.225	1-3/4	1-3/4	1-3/4

Part Number	Cable Grp (*)	Cntr. Cond.	Cable O.D.	Dimension	
				A	B
AI412TRBK	A	.080	.412	13/16	7/8
AI412TRBK3	E, J	.092	.412	13/16	7/8
AI440TRBMC2	I	.105	.450	1	1
AI500TRBK	A	.100	.500	1	1
AI500TRBK3	E, J	.109	.500	1	1
AI500TRBMC2	I	.123	.510	1	1
AI500TRBQR	H	.117	.580	1	1
AI540TRBQR	H	.124	.610	1	1
AI565TRBTX	G	.129	.565	1	1
AI625TRBK3	E	.137	.625	1	1
AI650TRBMC2	I	.156	.640	1-1/8	1-1/8
AI700TRBTX	G	.163	.703	1-1/8	1-1/8
AI715TRBQR	H	.166	.785	1-3/16	1-3/16
AI750TRBK	A	.148	.750	1-1/8	1-1/8
AI750TRBK3	E	.167	.750	1-1/8	1-1/8
AI750TRBMC2	I	.185	.760	1-1/8	1-1/8
AI840TRBTX	G	.194	.840	1-3/8	1-3/8
AI860TRBQR	H	.203	.960	1-1/2	1-1/2
AI875TRBK3	E	.194	.875	1-3/8	1-3/8
AI1000TRBK3	E	.220	1.000	1-1/2	1-1/2
AI1000TRBMC2	I	.248	1.015	1-1/2	1-1/2
AI1125TRBQR	H	.263	1.225	1-3/4	1-3/4

(*) Cable Group Chart

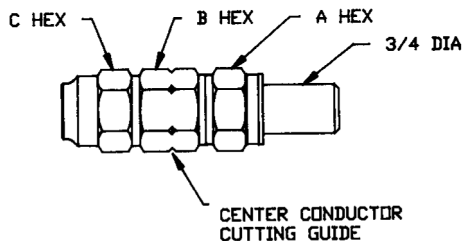
Thomas & Betts LRC

Adaptors & Terminators

Three Piece Cable Adaptor



Terminates RF signals and blocks 60 Hz AC power.



Part Number	Cable Grp (*)	Cntr. Cond.	Cable O.D.	Dimension		
				A	B	C
AI412TRBW	A	.080	.412	15/16	15/16	15/16
AI412TRBW2	D	.092	.412	15/16	15/16	15/16
AI412TRBW3	E	.092	.412	15/16	15/16	15/16
AI412TRBSW	B	.092	.412	15/16	15/16	15/16
AI440TRBWMC2	I	.105	.450	15/16	15/16	15/16
AI500TRBW	A	.100	.500	1	1	1
AI500TRBW2	D	.111	.500	1	1	1
AI500TRBW3	E	.109	.500	1	1	1
AI500TRBWMC2	I	.123	.510	1	1	1
AI500TRBSW	B	.115	.500	1	1	1
AI540TRBWQR	H	.124	.610	1-1/8	1-1/8	1-1/8
AI565TRBWTX	G	.129	.565	1-1/8	1-1/8	1-1/8
AI625TRBW3	E	.137	.625	1-1/8	1-1/8	1-1/8
AI650TRBWMC2	I	.156	.640	1-1/8	1-1/8	1-1/8
AI700TRBWTX	G	.163	.703	1-3/16	1-3/16	1-3/16
AI715TRBWQR	H	.166	.785	1-1/2	1-1/2	1-1/2
AI750TRBW	A	.148	.750	1-3/16	1-3/16	1-3/16
AI750TRBW2	D	.169	.750	1-3/16	1-3/16	1-3/16
AI750TRBW3	E	.167	.750	1-3/16	1-3/16	1-3/16
AI750TRBWMC2	I	.185	.760	1-3/16	1-3/16	1-3/16
AI750TRBSW	B	.173	.750	1-3/16	1-3/16	1-3/16
AI840TRBWTX	G	.194	.840	1-1/2	1-1/2	1-1/2
AI860TRBWQR	H	.203	.960	1-1/2	1-1/2	1-1/2
AI875TRBW3	E	.194	.875	1-1/2	1-1/2	1-1/2
AI1000TRBW	A	.193	1.000	1-3/4	1-3/4	1-3/4
AI1000TRBW2	D	.225	1.000	1-3/4	1-3/4	1-3/4
AI1000TRBW3	E	.226	1.000	1-3/4	1-3/4	1-3/4
AI1000TRBWMC2	I	.248	1.015	1-3/4	1-3/4	1-3/4
AI1000TRBSW	B	.227	1.000	1-3/4	1-3/4	1-3/4
AI1125TRBWQR	H	.263	1.225	1-3/4	1-3/4	1-3/4

(*) Cable Group Chart

Two Piece Cable Adaptor

Two Piece Cable To "N" Or "UHF" Adaptor

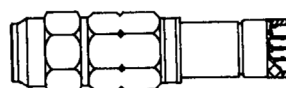


Cable to "N" Male Adaptor with center conductor seizing mechanism and mandrel. Cable to "N" and "UHF" Adaptors are available by contacting your TVC Customer Service Representative.

"N" Male Adaptor

75 ohm Interface

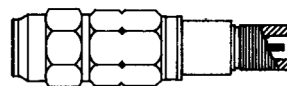
(also Available with 50 ohm Interface)



"N" Female Adaptor

75 ohm Interface

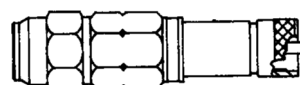
(also Available with 50 ohm Interface)



"UHF" Male Adaptor

50 ohm Interface

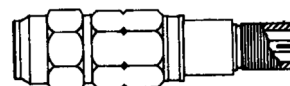
(also Available with 75 ohm Interface)



"UHF" Female Adaptor

50 ohm Interface

(also Available with 75 ohm Interface)



Adaptors & Terminators

Three Piece Cable To "N" Or "UHF" Adaptor

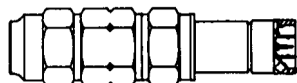


Cable to "N" Male Adaptor with center conductor seizing mechanism and mandrel. Cable to "N" and "UHF" Adaptors are available by contacting your TVC Customer Service Representative.

"N" Male Adaptor

75 ohm Interface

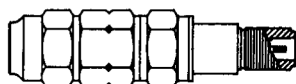
(also Available with 50 ohm Interface)



"N" Female Adaptor

75 ohm Interface

(also Available with 50 ohm Interface)



"UHF" Male Adaptor

50 ohm Interface

(also Available with 75 ohm Interface)



"UHF" Female Adaptor

50 ohm Interface

(also Available with 75 ohm Interface)



Alluminum Products



5/8" -24 Entry to Series 11 - Crimp On

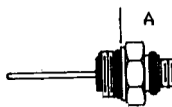
P/N	Description
EMI11	Entry, Feed Thru Connector, 11 Series



5/8" -24 Entry to Series 11 - Crimp On

P/N	Post I.D.	Collar I.D.	Crimp Sz	Tool
ECR11	.295	.477	.470	1,2

Tool: 1)CT611QS 2) CT214



5/8" - 24 Entry to "F" Female

P/N	Description	Dim. A
F625E	"F" Female	.806
F625BE	"F" Female (AC Block)	.951
KF625E*	"F" Female 1 GHz	.941



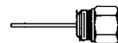
5/8" - 24 Female to "F" Female

P/N - BAFF



Terminator

P/N	Termination	Description
TRFS	75 ohm	—
TRBF	75 ohm	AC Blocking Feature



Housing Terminator

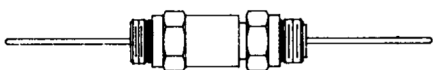
P/N	Termination	Description
625TRB	75 ohm	AC Blocking Feature

Adaptors & Terminators



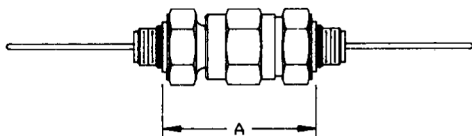
Housing to housing
Adaptors eliminate the
need for jumpers and allow
cascading of equipment.

Entry to Entry Adaptor



Part Number ETE625

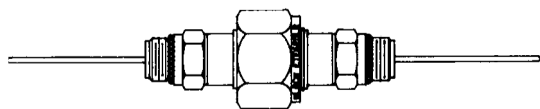
Entry to Entry Adaptor - Rotational



Dimension A ETE625R

Dimension A ETE6253

Entry to Entry Adaptor - Locking Rotational

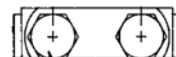


Part Number ETE625LR



Housing splice blocks allow
through splicing, right angle turns
and inline pedestal turns of two
connectors. Through splice blocks
allow through splicing of two
connectors only. Both can be used for
splicing like or different sized cable.

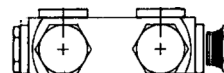
Housing Splice Block



HSB

HSBGD Grounding Lug Feature

Through Splice Block



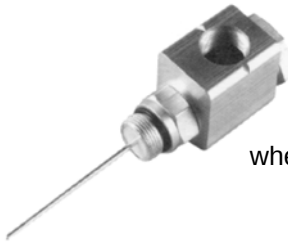
Part Number TSB

5/8" - 24 Male to Female Adaptor, Auto Seize



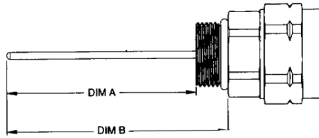
Part Number KSFAS

Adaptors & Terminators



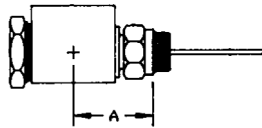
Right angle connectors are designed for applications where space restrictions exist such as pedestals or where tight bends are required.

5/8" - 24 Male to Female Adaptor, Rotational



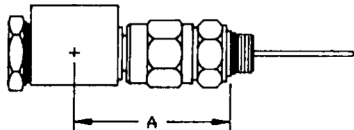
KSMASR A = 1.822 (46) B = 2.132 (54)
KSMASRC A = .740 (19) B = 1.051 (27)

Right Angle Adaptor



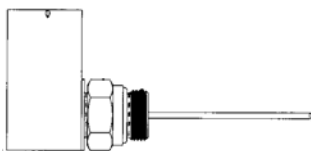
EU90 A = 1.185
EU903 A = 2.435
EU9045 A = 3.435
EU906 A = 5.685

Right Angle Adaptor - Rotational



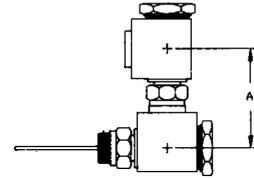
EU90R A = 2.305
EU903R A = 5.420

Right Angle Adaptor: Auto Seize (Screwless)



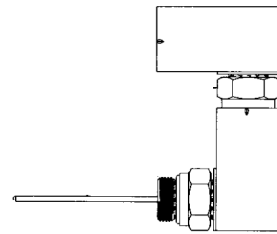
Part Number EU90AS

180° Adaptor



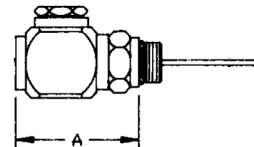
EU180 A = 1.990
EU18030 A = 3.270
EU18045 A = 4.265

180° Adaptor - Auto Seize (Screwless)



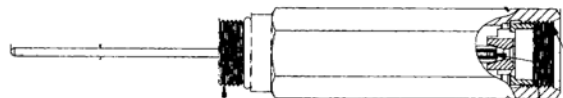
Part Number EU180AS

Entry Extension



EXT175 A = 1.750
EXT42 A = 4.000
EXT66 A = 6.250
EXT90 A = 8.500

Entry Adaptor: Auto Seize (Screwless)



EXTAS3 Precision, Auto Seize Ext, 3"
EXTAS6 Precision, Auto Seize Ext, 6"

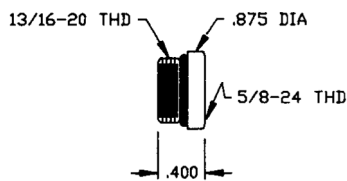
Adaptors & Terminators

Plug Adaptors



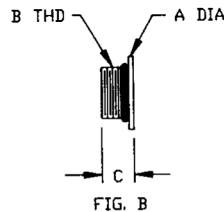
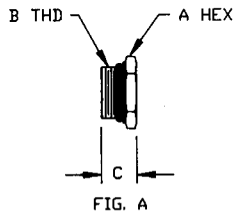
A variety of replacement plugs and caps for equipment and connector Adaptors are available.

5/8" - 24 Adaptor



KS625 Adaptor, 13-16 - 20 to 5/8 - 24

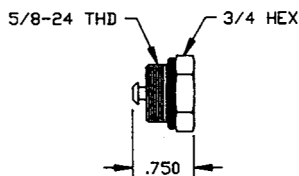
Plug



P/N	Fig.	Description	Dimension		
			A	B	C
625P	A	Plug with "O" Ring	3/4	5/8 - 24	.400
625HP	B	Plug with "O" Ring	3/4	5/8 - 24	.360
750P	A	Plug, Hex with "O" Ring	7/8	3/4 - 24	.345

750P A Plug, Hex with "O"ring 7/8 3/4 - 24 .345

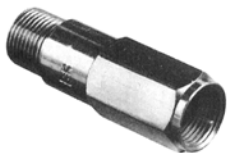
Plug



115642 Distribution Amplifier Plug

Attenuator Pads

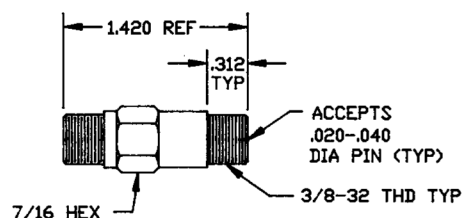
Attenuator Pads



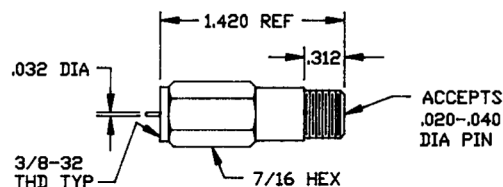
Attenuator pads for applications where attenuation of signal is required.

Male to Male	
Part Number	Attenuation
AP1FF	1 dB
AP3FF	3 dB
AP6FF	6 dB
AP10FF	10 dB
AP20FF	20 dB

Male to Female	
Part Number	Attenuation
AP1FM	1dB
AP3FM	3dB
AP6FM	6dB
AP10FM	10dB
AP20FM	20dB
AP30FM	30dB



High Pass Filter		
Part Number	Band Reject Attenuation	Band Pass Insertion Loss
HP1	0-3 MHz > 35 dB	50 MHz - 1GHz < 1 dB



Entry Connectors

Cable Group Chart

Manufacturer	Cable Types
Cable Group A	
CCS Hatfield	GID I*, Chema Foam*
Cerro	GX™*, Polyethylene™*
CommScope	Parameter I®*, Alumagard®*
Systems	11& 12*, 21 &22*
Times	Alumifoam®*, Alumifoam II®*
Cable Group B	
Cerro	Cerrofoam™*
CommScope	Cell-O-Air®*
Times	Dynafoam™*, Dynaplus™*
Cable Group C	
General Cable	Fused Disc I™*, II™*
Cable Group D	
CommScope	Parameter II®*
Cable Group E	
CCS Hatfield	GID III*
Cerro	GXX™*
CommScope	Parameter III
Scientific Atlanta	GID III*
Systems	31 & 32*
Times	Alumifoam III™*, T4™, T4+™, T6™, T10™
Capscan	4*
Cable Group F	
Scientific Atlanta	Cable Flex
Cable Group G	
Times	TX™
Cable Group H	
CommScope	Quantum Reach®
Cable Group I	
Trilogy	MC2
Cable Group J	
General Cable	Fused
Cable Group K	
General Cable	Fused Disc Metric III™*

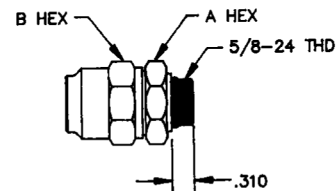
Feed Through Integral Mandrel



Used for connecting cable to equipment. Center conductor of cable is seized inside equipment. Integral mandrel for excellent RF shielding.

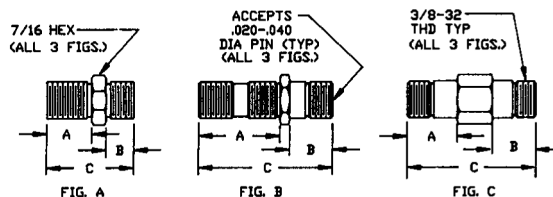
Part Number	Cable Group(*)	Center Cond.	Cable O.D.	Dimension	
				A	B
EMI412PI	A	.080	.412	15/16	15/16
EMI412P2	D	.092	.412	15/16	15/16
EMI412P3	E,J	.092	.412	15/16	15/16
EMI412S	B	.092	.412	15/16	15/16
EMI440MC2	I	.105	.450	13/16	7/8
EMI500MC2	I	.123	.510	1	1
EMI500PI	A	.100	.500	1	1
EMI500P2	D,J	.111	.500	1	1
EMI500P3	E	.109	.500	1	1
EMI500S	B	.111	.500	1	1
EMI500QR	H	.117	.580	1	1
EMI540QR	H	.124	.610	1	1
EMI565TX	G	.129	.565	1	1
EMI625K3	E	.137	.625	1-1/8	1-1/8
EMI650MC2	I	.156	.640	1-1/8	1-1/8

(*) Cable Group Chart



Part Number	Fig.	Description	Dimension		
			A	B	C
F81	A	Splice	.460	.345	.955
F81BE†	A	AC Blocking	1.038	.312	1.475
F81D	A	Single D Flat	.376	.429	.955
F81DF	A	Double D Flat	.460	.345	.955
F81HDW†	A	W/Mounting	.460	.345	.955
F81LS	C	Long Body	.500	.490	1.390
F81PM†	B	Panel Mount Splice	.735	.490	1.390
KF81	A	Precision Splice*	.580	.278	.958
KF81PM†	B	Precision Panel Mount*	.735	.510	1.380

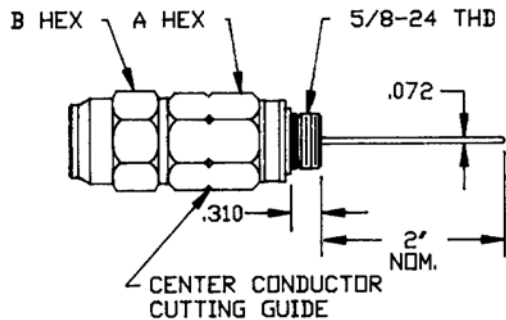
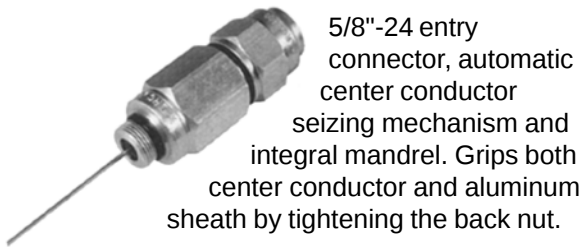
†Mounting hardware included *Accepts .032-.040 dia. Pin



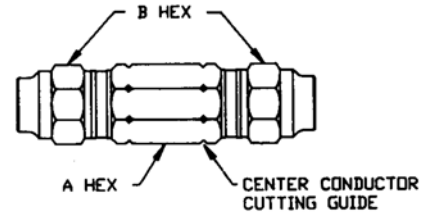
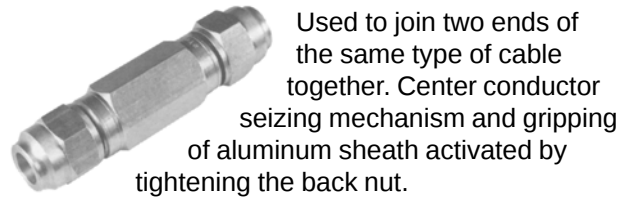
Thomas & Betts LRC

Entry Connectors

Two Piece Pin Type



Two Piece Splice



Part Number	Cable Group(*)	Center Cond.	Cable O.D.	Dimension	
				A	B
EI412K	A	.080	.412	13/16	7/8
EI412K3	E, J	.092	.412	13/16	7/8
EI440MC2	I	.105	.450	1	1
EI500K	A	.100	.500	1	1
EI500K3	E, J	.109	.500	1	1
EI500MC2	I	.123	.510	1	1
EI500QR	H	.117	.580	1	1
EI540QR	H	.124	.610	1	1
EI565TX	G	.129	.565	1	1
EI625K3	E	.137	.625	1	1
EI650MC2	I	.156	.640	1-1/8	1-1/8
EI700TX	G	.163	.703	1-1/8	1-1/8
EI715QR	H	.166	.785	1-3/16	1-3/16
EI750K	A	.148	.750	1-1/8	1-1/8
EI750K3	E	.167	.750	1-1/8	1-1/8
EI750MC2	I	.185	.760	1-1/8	1-1/8
EI840TX	G	.194	.840	1-3/8	1-3/8
EI860QR	H	.203	.960	1-1/2	1-1/2
EI875K3	E	.194	.875	1-3/8	1-3/8
EI1000K3	E	.220	1.000	1-1/2	1-1/2
EI1000MC2	I	.248	1.015	1-1/2	1-1/2
EI1125QR	H	.263	1.225	1-3/4	1-3/4
EI1160TX	G	.269	1.160	1-3/4	1-3/4

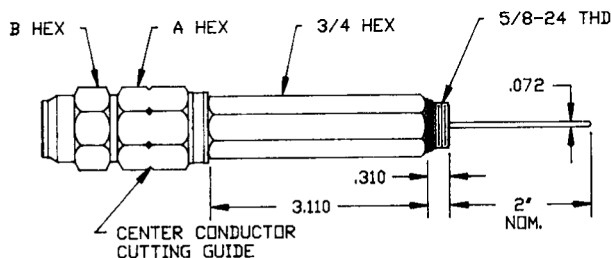
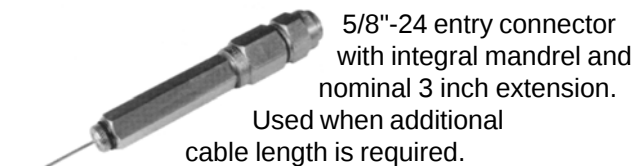
Part Number	Cable Group(*)	Center Cond.	Cable O.D.	Dimension	
				A	B
SI412K	A	.080	.412	13/16	7/8
SI412K3	E, J	.092	.412	13/16	7/8
SI440MC2	I	.105	.450	7/8	7/8
SI500K	A	.100	.500	1	1
SI500K3	E, J	.109	.500	1	1
SI500MC2	I	.123	.510	1	1
SI500QR	H	.117	.580	1	1
SI540QR	H	.124	.610	1	1
SI565TX	G	.129	.565	1	1
SI625K3	E	.137	.625	1	1
SI650MC2	I	.156	.640	1-1/8	1-1/8
SI700TX	G	.163	.703	1-1/8	1-1/8
SI715QR	H	.166	.785	1-3/16	1-3/16
SI750K	A	.148	.750	1-1/8	1-1/8
SI750K3	E	.167	.750	1-1/8	1-1/8
SI750MC2	I	.185	.760	1-1/8	1-1/8
SI840TX	G	.194	.840	1-3/8	1-3/8
SI860QR	H	.203	.960	1-1/2	1-1/2
SI875K3	E	.194	.875	1-3/8	1-3/8
SI1000K3	E	.220	1.000	1-1/2	1-1/2
SI1000MC2	I	.248	1.015	1-1/2	1-1/2
SI1125QR	H	.263	1.225	1-3/4	1-3/4
SI1160TX	G	.269	1.160	1-3/4	1-3/4

(*) Cable Group Chart

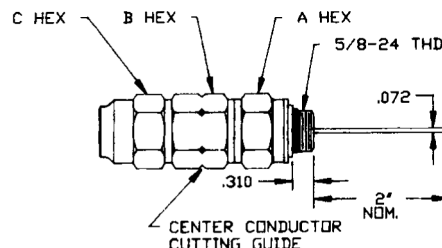
Thomas & Betts LRC

Entry Connectors

Two Piece Entry Extension



Three Piece Pin Type



Part Number	Cable Group (*)	Center Cond.	Cable O.D.	Dimension	
				A	B
EI412KLB	A	.080	.412	13/16	7/8
EI412K3LB	E, J	.092	.412	13/16	7/8
EI440MC2LB	I	.105	.450	1	1
EI500KLB	A	.100	.500	1	1
EI500K3LB	E, J	.109	.500	1	1
EI500MC2LB	I	.123	.510	1	1
EI500QRLB	H	.117	.580	1	1
EI540QRLB	H	.124	.610	1	1
EI565TXLB	G	.129	.565	1	1
EI625K3LB	E	.137	.625	1	1
EI650MC2LB	I	.156	.640	1-1/8	1-1/8
EI700TXLB	G	.163	.703	1-1/8	1-1/8
EI715QRLB	H	.166	.785	1-3/16	1-3/16
EI750KLB	A	.148	.750	1-1/8	1-1/8
EI750K3LB	E	.167	.750	1-1/8	1-1/8
EI750MC2LB	I	.185	.760	1-1/8	1-1/8
EI840TXLB	F	.194	.840	1-3/8	1-3/8
EI860QRLB	H	.203	.960	1-1/2	1-1/2
EI875K3LB	E	.194	.875	1-3/8	1-3/8
EI1000K3LB	E	.220	1.000	1-1/2	1-1/2
EI1000MC2LB	I	.248	1.015	1-1/2	1-1/2
EI1125QRLB	H	.263	1.225	1-3/4	1-3/4
EI1160TXLB	G	.269	1.160	1-3/4	1-3/4

Part Number	Cable Grp (*)	Center Cond.	Cable O.D.	Dimension		
				A	B	C
EFI412W	A	.080	.412	15/16	15/16	15/16
EFI412W2	D	.092	.412	15/16	15/16	15/16
EFI412W3	E	.092	.412	15/16	15/16	15/16
EFI412SW	B	.092	.412	15/16	15/16	15/16
EFI440MC2	I	.105	.450	15/16	15/16	15/16
EFI500MC2	I	.123	.510	1	1	1
EFI500W	A	.100	.500	1	1	1
EFI500W2	D	.111	.500	1	1	1
EFI500W3	E	.109	.500	1	1	1
EFI500SW	B	.115	.500	1	1	1
EFI540QR	H	.124	.610	1-1/8	1-1/8	1-1/8
EFI565TX	G	.129	.565	1-1/8	1-1/8	1-1/8
EFI625W3	E	.137	.625	1-1/8	1-1/8	1-1/8
EFI650MC2	I	.156	.640	1-1/8	1-1/8	1-1/8
EFI700TX	G	.163	.703	1-3/16	1-3/16	1-3/16
EFI715QR	H	.166	.785	1-1/2	1-1/2	1-1/2
EFI750MC2	I	.185	.760	1-3/16	1-3/16	1-3/16
EFI750W	A	.148	.750	1-3/16	1-3/16	1-3/16
EFI750W2	D	.169	.750	1-3/16	1-3/16	1-3/16
EFI750W3	E	.167	.750	1-3/16	1-3/16	1-3/16
EFI750SW	B	.173	.750	1-3/16	1-3/16	1-3/16
EFI840TX	G	.194	.840	1-1/2	1-1/2	1-1/2
EFI860QR	H	.203	.960	1-1/2	1-1/2	1-1/2
EFI875W3	E	.194	.875	1-1/2	1-1/2	1-1/2
EFI1000MC2	I	.248	1.015	1-3/4	1-3/4	1-3/4
EFI1000W	A	.193	1.000	1-3/4	1-3/4	1-3/4
EFI1000W2	D	.225	1.000	1-3/4	1-3/4	1-3/4
EFI1000W3	E	.220	1.000	1-3/4	1-3/4	1-3/4
EFI1000SW	B	.227	1.000	1-3/4	1-3/4	1-3/4
EFI1125QR	H	.263	1.225	1-3/4	1-3/4	1-3/4

(*) Cable Group Chart

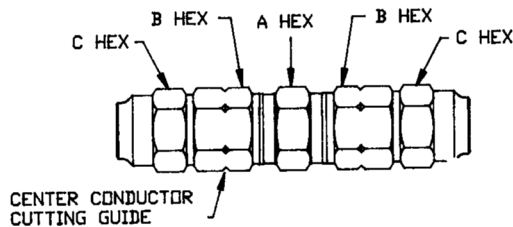
Thomas & Betts LRC

Entry Connectors

Three Piece Splice



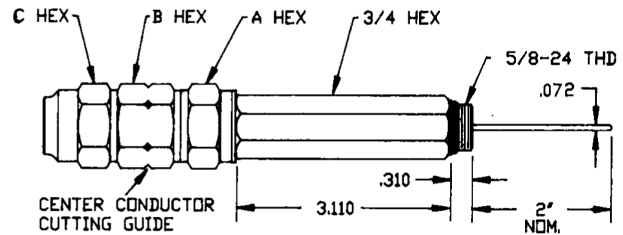
Used to join two ends of the same type of cable together. Center conductor seizing and gripping of aluminum sheath are activated independently of each other.



Three Piece Entry Extension



5/8"-24 entry connector with integral mandrel and nominal 3 inch extension. Used when additional cable length is required.



Part Number	Cable Group (*)	Center Cond.	Cable O.D.	Dimension		
				A	B	C
SFI412W	A	.080	.412	15/16	15/16	15/16
SFI412W2	D	.092	.412	15/16	15/16	15/16
SFI412W3	E	.092	.412	15/16	15/16	15/16
SFI412SW	B	.092	.412	15/16	15/16	15/16
SFI440MC2	I	.105	.450	15/16	15/16	15/16
SFI500W	A	.100	.500	1	1	1
SFI500W2	D	.111	.500	1	1	1
SFI500W3	E	.109	.500	1	1	1
SFI500MC2	I	.123	.510	1	1	1
SFI500SW	B	.115	.500	1	1	1
SFI540QR	H	.124	.610	1-1/8	1-1/8	1-1/8
SFI565TX	G	.129	.565	1-1/8	1-1/8	1-1/8
SFI650MC2	I	.156	.640	1-1/8	1-1/8	1-1/8
SFI625W3	E	.137	.625	1-1/8	1-1/8	1-1/8
SFI700TX	G	.163	.703	1-3/16	1-3/16	1-3/16
SFI715QR	H	.166	.785	1-1/2	1-1/2	1-1/2
SFI750W	A	.148	.750	1-3/16	1-3/16	1-3/16
SFI750W2	D	.169	.750	1-3/16	1-3/16	1-3/16
SFI750W3	E	.167	.750	1-3/16	1-3/16	1-3/16
SFI750MC2	I	.185	.760	1-3/16	1-3/16	1-3/16
SFI750SW	B	.173	.750	1-3/16	1-3/16	1-3/16
SFI840TX	G	.194	.840	1-1/2	1-1/2	1-1/2
SFI860QR	H	.203	.960	1-1/2	1-1/2	1-1/2
SFI875W3	E	.194	.875	1-1/2	1-1/2	1-1/2
SFI1000W	A	.193	1.000	1-3/4	1-3/4	1-3/4
SFI1000W2	D	.225	1.000	1-3/4	1-3/4	1-3/4
SFI1000W3	E	.220	1.000	1-3/4	1-3/4	1-3/4
SFI1000MC2	I	.248	1.015	1-3/4	1-3/4	1-3/4
SFI1000SW	B	.227	1.000	1-3/4	1-3/4	1-3/4

Part Number	Cable Grp (*)	Cntr. Cond.	Cable O.D.	Dimension		
				A	B	C
EFI412WLB	A	.080	.412	15/16	15/16	15/16
EFI412W2LB	D	.092	.412	15/16	15/16	15/16
EFI412W3LB	E	.092	.412	15/16	15/16	15/16
EFI412SWLB	B	.092	.412	15/16	15/16	15/16
EFI440MC2LB	I	.105	.450	15/16	15/16	15/16
EFI500WLB	A	.100	.500	1	1	1
EFI500W2LB	D	.111	.500	1	1	1
EFI500W3LB	E	.109	.500	1	1	1
EFI500MC2LB	I	.123	.510	1	1	1
EFI500SWLB	B	.115	.500	1	1	1
EFI540QRLB	H	.124	.610	1-1/8	1-1/8	1-1/8
EFI565TXLB	G	.129	.565	1-1/8	1-1/8	1-1/8
EFI625W3LB	E	.137	.625	1-1/8	1-1/8	1-1/8
EFI650MC2LB	I	.156	.640	1-1/8	1-1/8	1-1/8
EFI700TXLB	G	.163	.703	1-3/16	1-3/16	1-3/16
EFI715QRLB	H	.166	.785	1-1/2	1-1/2	1-1/2
EFI750WLB	A	.148	.750	1-3/16	1-3/16	1-3/16
EFI750W2LB	D	.169	.750	1-3/16	1-3/16	1-3/16
EFI750W3LB	E	.167	.750	1-3/16	1-3/16	1-3/16
EFI750MC2LB	I	.185	.760	1-3/16	1-3/16	1-3/16
EFI750SWLB	B	.173	.750	1-3/16	1-3/16	1-3/16
EFI840TXLB	G	.194	.840	1-1/2	1-1/2	1-1/2
EFI860QRLB	H	.203	.960	1-1/2	1-1/2	1-1/2
EFI875W3LB	E	.194	.875	1-1/2	1-1/2	1-1/2
EFI1000WLB	A	.193	1.000	1-3/4	1-3/4	1-3/4
EFI1000W2LB	D	.225	1.000	1-3/4	1-3/4	1-3/4
EFI1000W3LB	E	.220	1.000	1-3/4	1-3/4	1-3/4
EFI1000MC2LB	I	.248	1.015	1-3/4	1-3/4	1-3/4
EFI1000SWLB	B	.227	1.000	1-3/4	1-3/4	1-3/4

(*) Cable Group Chart

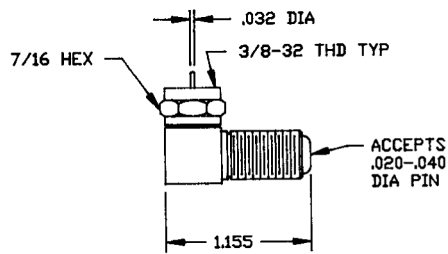
Thomas & Betts LRC

"F" Series - Adaptors

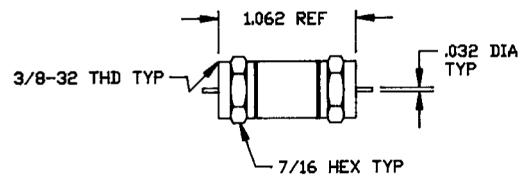
Right Angle Angle Adaptors



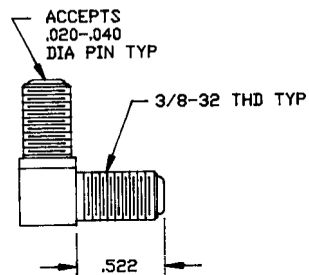
Right angle Adaptors are designed for applications where space is limited.



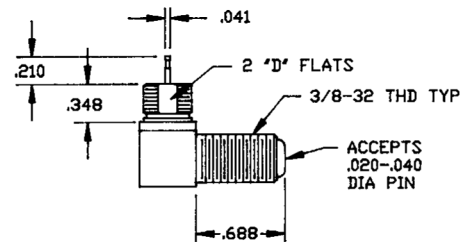
Part Number FF90FM



Part Number F71

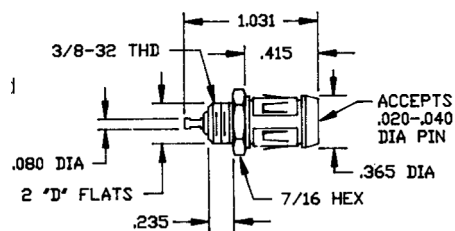


Part Number FF90FF
Mounting hardware included



Part Number RAF61
Mounting hardware included

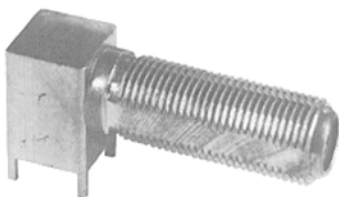
"F" Female Chassis Push On Connector



Part Number F61PF
Mounting hardware included

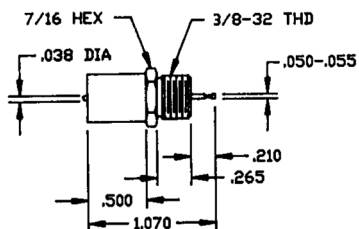
Thomas & Betts LRC

"F" Series - Adaptors



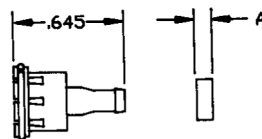
Printed circuit connector Adaptors in both surface mount and right angle configurations.

"F" Male Chassis Connector - Push On



Part Number F61PM
Mounting hardware included

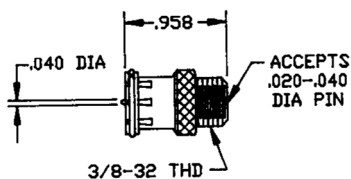
Quick Disconnect



Part Number	Post I.D.	Crimp Ring I.D.	Crimp Size	Tool	Dim. A
PF59S	.154	.300	.260 Dia.	3, 4	.110
PF59SCR316	.154	.316	.324 Hex	1, 2	.400
PF59SCR433	.154	.290	.324 Hex	1, 2	.400

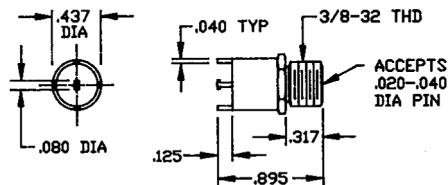
Tool: 1) CT2460 2) HCT6QS 3) CT603 4) CT596

"F" Connector - Push On



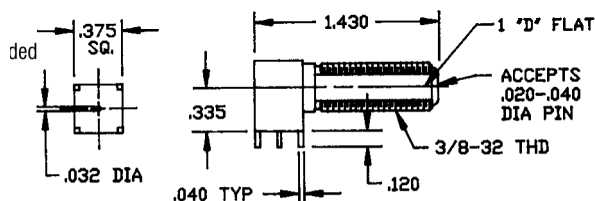
Part Number PF59
Push on male to "F" female adaptor

"F" Connector - Push On



Part Number F61PC
Mounting hardware included

Printed Circuit Connector - Right Angle

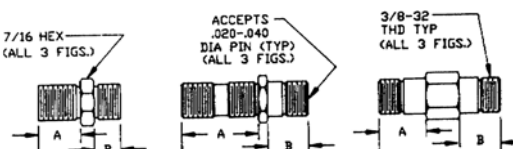


Part Number PCB90FF
Mounting hardware included

"F" Series - Female



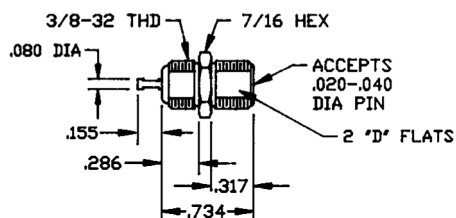
"F" Female Splice connector used to join two "F" Male connectors.



"F" Female Splice					
Part Number	Fig.	Description	Dimension		
			A	B	C
F81	A	Splice	.460	.345	.955
F81BE†	A	AC Blocking	1.038	.312	1.475
F81D	A	Single D Flat	.376	.429	.955
F81DF	A	Double D Flat	.460	.345	.955
F81HDW†	A	W/ Mounting Hardware	.460	.345	.955
F81LS	C	Long Body	.500	.490	1.390
F81PM†	B	Panel Mount Splice	.735	.490	1.390
KF81D	A	Precision Splice*	.580	.278	.958
KF81DI	A	Precision Splice*1	.458	.352	.960
KF81PM†	B	Precision Panel Mount*	.735	.510	1.380
KF81PMI†	B	Precision Splice*1	.735	.510	1.380

† Mounting Hdware included * Accepts .032-.040 Dia Pin

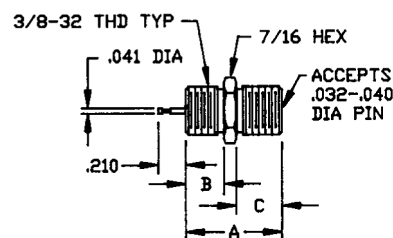
*1 Iridescent Chromated Coating for outdoor use



"F" Female - Chassis Adaptor

Part Number	Description
F61†	—
F61SL†	With solder lug

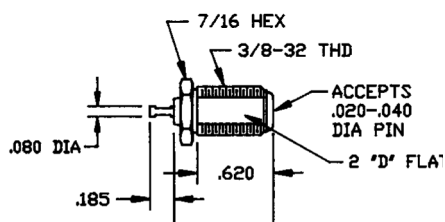
† Mounting hardware included



"F" Female - Precision Chassis Adaptor

Part Number	Dimension		
	A	B	C
KF61†	.702	.286	.317
KF61960†	.958	.580	.278

† Mounting hardware included

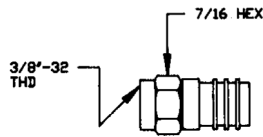


"F" Female - Chassis Adaptor

Part Number
F61†

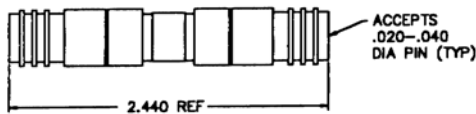
† Mounting hardware included

"F" Series - Male



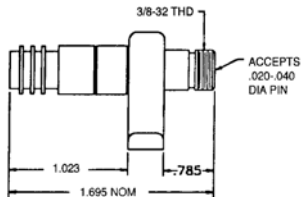
Multi-Fit "F" Male - Crimp On

Part Number	Post I.D.	Sleeve I.D.	Tool
AMF59	.154	.309	1+2
AMF6	.191	.346	1+2
AMF59S (with Gel)	.154	.309	1+2
AMF6S (with Gel)	.191	.346	1+2



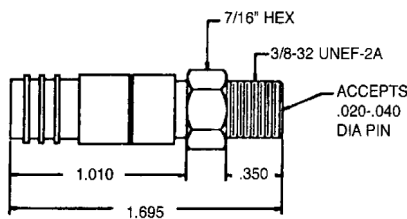
Multi-Fit Splice

Part Number	Post I.D.	Collar I.D.	Tool	Description	Color
81AMF59	.154	.309	1+2	—	Gold
81AMF6	.191	.346	1+2	—	Gold
81AMF59S	.154	.309	1+2	with Gel	Olive Drab
81AMF6S	.191	.346	1+2	with Gel	Black



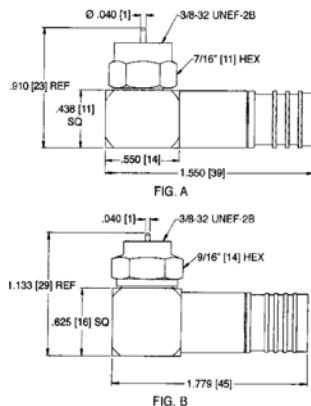
Multi-Fit Ground Block Single

Part Number	Post I.D.	Collar I.D.	Tool	Description	Color
GB59AMF	.154	.309	1+2	—	Gold
GB6AMF	.191	.346	1+2	—	Gold
GB59AMFS	.154	.309	1+2	with Gel	Olive Drab
GB6AMFS	.191	.346	1+2	with Gel	Black



Multi-Fit Cable to "F" Female Connectors

Part Number	Post I.D.	Collar I.D.	Tool	Description	Color
AMF59FF	.154	.309	1+2	—	Gold
AMF6FF	.191	.346	1+2	—	Gold
AMF59FFS	.154	.309	1+2	with Gel	Olive Drab
AMF6FFS	.191	.346	1+2	with Gel	Black



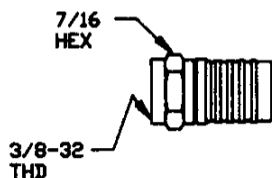
Multi-Fit Cable to "F" Male, Right Angle Connectors

Part Number	Post I.D.	Collar I.D.	Tool	Description	Color
AMF906	.191	.346	1 + 2	—	Gold
AMF9011	.295	.477	3 + 4	—	Gold
AMF906S	.191	.346	1 + 2	with Gel	Olive Drab
AMF9011S	.295	.477	3 + 4	with Gel	Black

Tools: 1)CST596 2)CT2460 3)CST11 4)CT61QS

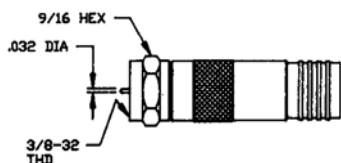
Thomas & Betts LRC

"F" Series - Male


"F" Male - Crimp On

Part Number	Post I.D.	Collar I.D.	Crimp Size	Tool
F59CD	.149	.316	.324	1, 3
F59CDB	.149	.339	.324	1, 3
F59CH	.154	.290	.324	1, 3
F59CHI	.154	.290	.324	1, 3
F59HB	.154	.302	.324	1, 3
F59HEC	.157	.339	.324	1, 3
F59QS	.154	.316	.324	1, 3
F56CD	.186	.339	.324	1, 3
F56CH	.194	.339	.324	1, 3
F56CHI	.194	.339	.324	1, 3
F56CHT	.194	.316	.324	1, 3
F56QS	.194	.356	.360	3, 4
F60CH	.087	.196	.260	2
F304VC	.204	.388	.384	5

Tool: 1) CT2460 2) CT596 3) CT6QS 4) CT611GS 5) HCT660


"F" Male - One Piece Crimp On

Part Number	Description	Post I.D.	Collar I.D.	Crimp Size	Tool
F611CHP	—	.238	.391	.470	1, 3
F611QSP	—	.238	.416	.470	1, 3
F7CH	—	.251	.428	.470	1, 3
F7QS	—	.251	.428	.470	1, 3
F11DB	With Pin	.295	.475	.100 & .470	2
F11QS	—	.295	.477	.470	1
F11QST	—	.295	.500	.470	1

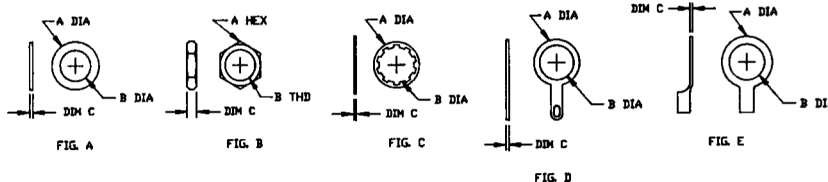
Tool 1) CT611QS 2) HCT211 3) CT214

"F" Series - Terminators



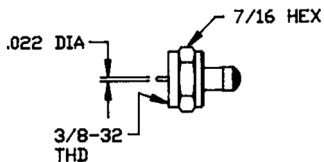
"F" series terminator for terminating RF signals.

"F" Series Hardware



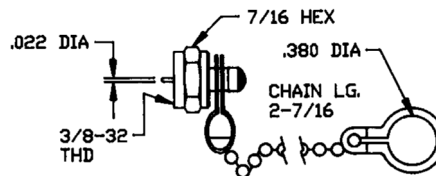
Part Number	Fig.	Description	Dimension		
			A	B	C
6155	A	Washer	.500	.382	.025
F555	A	Washer	.626	.508	.025
6150	B	Nut	1/2	3/8-32	.093
F550	B	Nut	5/8	1/2-28	.095
6155LW	C	Lock Washer	.500	.382	.022
F555LW	C	Lock Washer	.630	.508	.022
6155SL	D	Solder Lug	.500	.375	.032
GL81T	E	Crimp Term.	.560	.390	.032

"F" Terminator



Part Number	Termination	Description
TRF	75 Ohm	—
TRFD	75 Ohm	With Weather Seal
TRFP	—	No Resistor

"F" Chain Terminator



Part Number CTRF (75 Ohm)

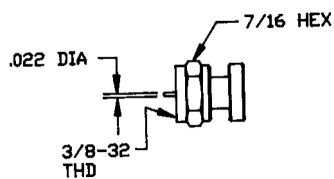
“F” Series - Terminators

Security Shields & Terminators



Security shields are used to protect “F” connectors on taps, ground blocks and converters from unwanted tampering.

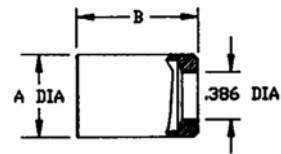
Security Terminators - Slip On



Part Number	Termination	Description
TRFSM	75 Ohm	—
TRFSMP	—	No Resistor

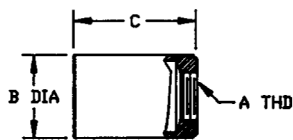
Used in conjunction with Security shield

Security Shields - Slip On



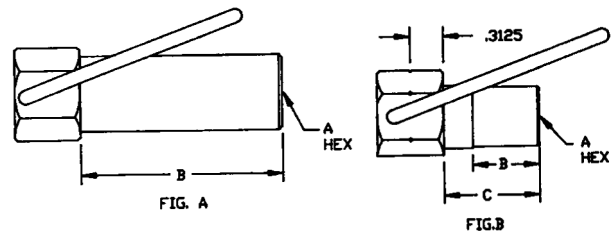
Part Number	Material	Tool	Dimension	
			A	B
FCS3S	Steel	SST59U	.671	.75
FCS9S	Steel	SST59U	.671	1.03
FCS10S	Steel	SST5910	.865	1.50
FCS11S	Steel	SST11	.865	2.00

Security Shields -Threaded



Part Number	Material	Tool	Dimension		
			A	B	C
FCS5T	Steel	SST59U	3/8-32	.671	.750
FCS5TS	Steel	SST59U	3/8-32	.687	.460
FCS9T	Steel	SST59U	3/8-32	.687	1.075

Security Shields -Tool



Part Number	Fig.	Dimension		
		A	B	C
SST5910	A	7/16 Hex	1.350	—
SST59U	B	7/16 Hex	0.630	0.906
SST11	A	9/16 Hex	1.890	—

"F" Series - Terminators

Locking Terminators



Locking terminators terminate RF signals and secure "F" connectors from unwanted tampering.

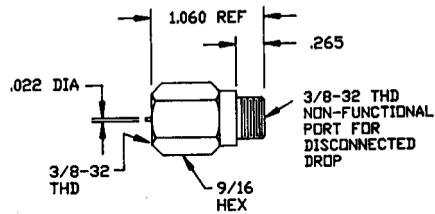


FIG. A

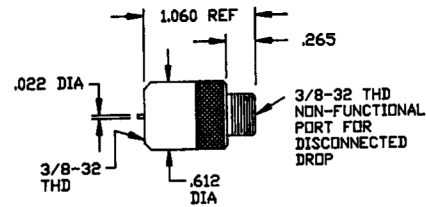
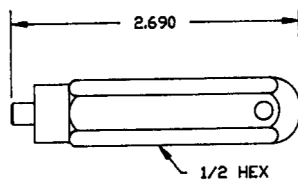


FIG. B

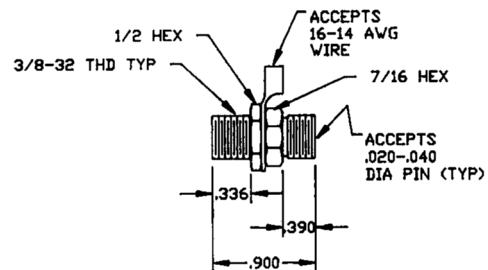
Part Number	Fig.	Termination	Material	Description
CLF	A	-	Brass	No Resistor
CLFA	B	-	Aluminum	No Resistor
TRLF	A	75 Ohm	Brass	-
TRLFA	B	75 Ohm	Aluminum	-

Locking Terminator Tool



Part Number LTF

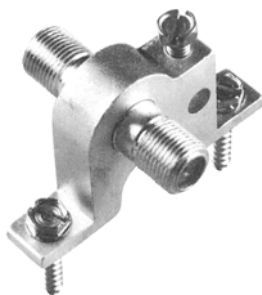
Female Splice - with Ground Lug



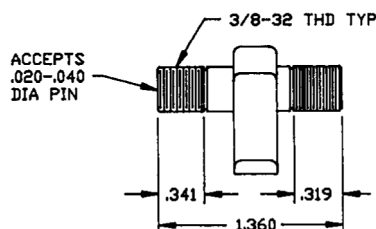
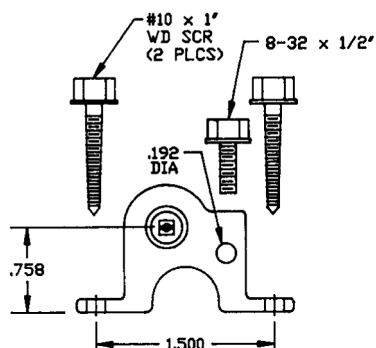
Part Number GL81

Ground Blocks

Ground Blocks - Single



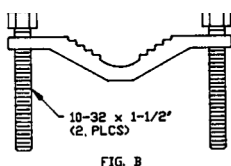
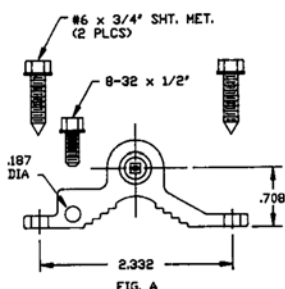
Ground blocks made from high-quality, extruded aluminum alloy are available for use with environmentally sealed products (i.e. thread protectors).



Part Number GB81BS

(All supplied screws have slotted - 1/4" hex combination head)

Single and double die cast ground blocks are available with or without water pipe attachment feature.

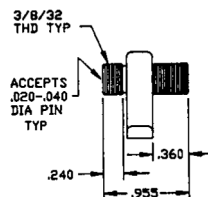


Part Number GB81

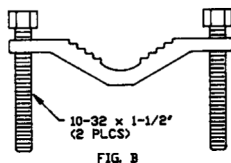
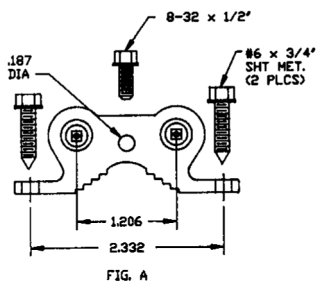
GB81PC*.....Pipe clamp ground block 3/4" min pipe dia.

All supplied screws have slotted - 1/4" hex combination head

*Includes slotted pan head screws



Ground Blocks - Double

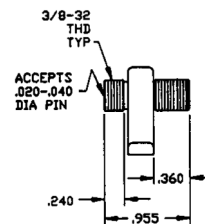


Part Number DGB81

DGB81PC*.....Pipe clamp ground block 3/4" min pipe dia.

All supplied screws have slotted - 1/4" hex combination head

*Includes slotted pan head screws



Snap-N-Seal™

Snap-N-Seal™

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



"F" Series Male Connectors for 59 & 6 Cables

P/N	Post I.D.	Sleeve I.D.	Sleeve Color	Tool*	Fig.
SNS59	.154	.253	Orange	1 or 2+3	C
SNS59NS	.154	.253	Orange	1 or 2+3	B+C
SNS59TP275	.154	.253	Orange	1 or 2+3	A+C
SNS59TP450	.154	.253	Orange	1 or 2+3	A+C
SNS59QS	.154	.253	Green	1 or 2+3	C
SNS59QSNS	.154	.253	Green	1 or 2+3	B+C
SNS59QSTP275	.154	.253	Green	1 or 2+3	A+C
SNS59QSTP450	.154	.253	Green	1 or 2+3	A+C
SNS59HEC	.154	.290	White	1 or 2+3	C
SNS6	.191	.290	Blue	1 or 2+3	C
SNS6NS	.191	.290	Blue	1 or 2+3	B+C
SNS6TP275	.191	.290	Blue	1 or 2+3	A+C
SNS6TP450	.191	.290	Blue	1 or 2+3	A+C
SNS6QS	.191	.315	Violet	1 or 2+3	C
SNS6QSNS	.191	.315	Violet	1 or 2+3	B+C
SNS6QSTP275	.191	.315	Violet	1 or 2+3	A+C
SNS6QSTP450	.191	.315	Violet	1 or 2+3	A+C
SNS6PLA	.191	.253	Orange	1 or 2+3	C

Tool: 1 = IT1000, 2 = CST596 or CST596711, 3 = SNSUTL

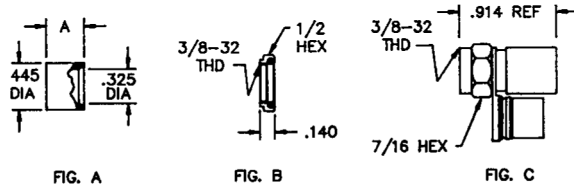


FIG. A

FIG. B

FIG. C

"F" Series Male Connectors for 7 & 11 Cables

P/N	Post I.D.	Sleeve I.D.	Sleeve Color	Tool*	Fig.
SNS7B	.238	.340	Black	1+2	C
SNS7BNS	.238	.340	Black	1+2	B+C
SNS7BTP275	.238	.340	Black	1+2	A+C
SNS7BTP450	.238	.340	Black	1+2	A+C
SNS7BQ	.238	.355	Black	1+2	C
SNS7BQNS	.238	.355	Black	1+2	B+C
SNS7BQTP275	.238	.355	Black	1+2	A+C
SNS7BQTP450	.238	.355	Black	1+2	A+C
SNS11AS	.295	.415	Black	1+2	C
SNS11ASNS	.295	.415	Black	1+2	B+C
SNS11ASTP275	.295	.415	Black	1+2	A+C
SNS11ASTP450	.295	.415	Black	1+2	A+C

Tool: 1 = CST596711, 2 = L3011B

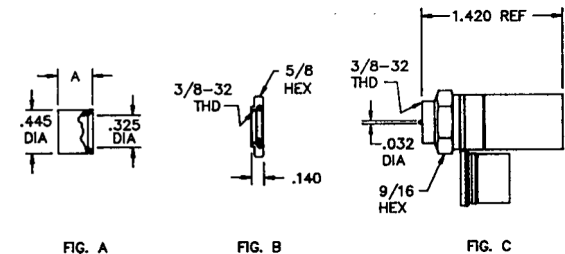


FIG. A

FIG. B

FIG. C

P/N	Post I.D.	Sleeve I.D.	Sleeve Color	Tool*
One Piece Drop Connectors				
SNS1P59	.154	.253	Orange	1+2
SNS1P59QS	.154	.275	Green	1+2
SNS1P59HEC	.154	.290	White	1+2
SNS1P6	.191	.290	Blue	1+2
SNS1P6QS	.191	.315	Violet	1+2
* Tool: 1 = CST596, CST596711 2 = SNSUTL				
"F" Series Male Indoor Connectors				
SNS59ID	.154	.253	Orange	1+2
SNS59QSID	.154	.275	Green	1+2
SNS59HECID	.154	.290	White	1+2
SNS6ID	.191	.290	Blue	1+2
SNS6QSID	.191	.315	Violet	1+2

Tools: 1 = CST596 or CST596711, 2 = SNSUTL

P/N	Post I.D.	Sleeve I.D.	Sleeve Color	Tool*
Male Connector - RCA Type				
SNS196RMBL	N/A	N/A	Blue	1+2
SNS1P6RMY	N/A	N/A	Yellow	1+2
SNS1P6RMW	N/A	N/A	White	1+2
SNS1P6RMR	N/A	N/A	Red	1+2
SNS1P6RMG	N/A	N/A	Green	1+2
SNS1P6RMBK	N/A	N/A	Black	1+2
Tool: 1 = CST596 or CST596711, 2 = SNSUTL				
Precision BNC Plug Connectors				
SNS59HECBNC	.154	.290	White	1+2
SNS59HECBNCB	.154	.253	Orange	1+2
Tools: 1 = CST596 or CST596711, 2 = SNSUTL				
Ultimate Connector - fits all				
SNS1P6U	Fits All		Red	

Thomas & Betts **LRC**

Snap-N-Seal™

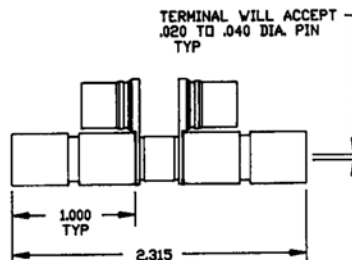
Snap-N-Seal™ Splice

Snap-N-Seal™ Ground Blocks are made from high quality, extruded aluminum incorporating the Snap-N-Seal™ feature.

Ordering Information

Part Number	Post I.D.	Sleeve I.D.	Tool
81SNS59QS	.154	.275	1+2
81SNS59	.154	.253	1+2
81SNS6	.191	.290	1+2
81SNS6QS	.191	.315	1+2

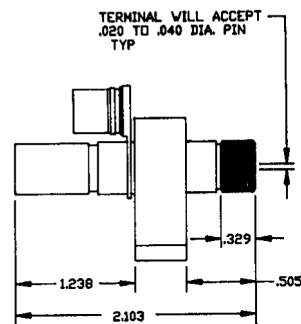
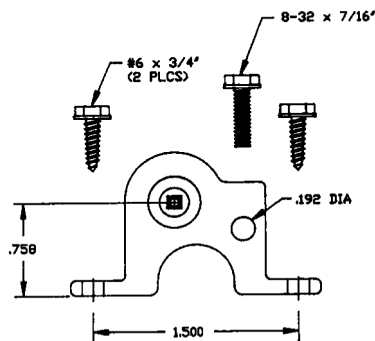
Tool: 1) CST596 2) SNSUT



Snap-N-Seal™ Ground Block - Environmentally Sealed

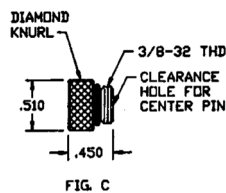
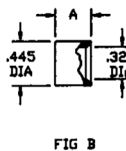
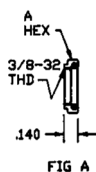
Part Number	Post I.D.	Sleeve I.D.	Tool
GB59SNS	.154	.253	1+2
GB59QSNS	.154	.275	1+2
GB6SNS	.191	.290	1+2
GB6QSNS	.191	.315	1+2

Tool: 1) CST596 2) SNSUT



Snap-N-Seal™ Accessories

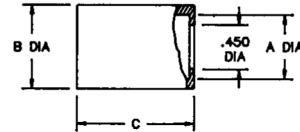
Part Number	Fig.	Use	Description
NS500	A	Nut Seal	All 59 & 6 Connectors
NS625	A	Nut Seal	All 7 & 11 Connectors
TP275	B	Thread Protector	3/8 Threaded Ports
TP450	B	Thread Protector	3/8 Threaded Ports
SNS375P	C	Weather Plug	All "F" Male Connectors



Snap-N-Seal™ Security Shields & Installation Tools

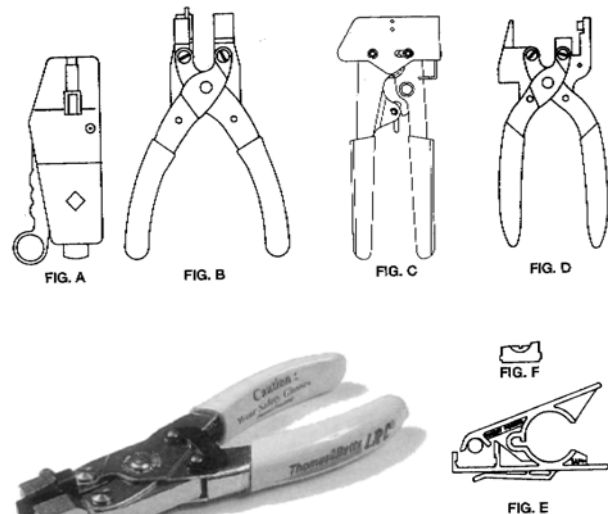
Security Shields

Part Number	Material	Tool	Dimension		
			A	B	C
FCSSNS	Plastic	SSTSNS	.658	.858	1.230
FCSSNS11	Plastic	SSTSNS11	.803	.995	1.766



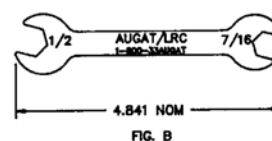
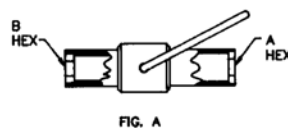
Installation Tools

Part Number	Fig.	Description	Use
IT1000*	A	Strips & Installs	Series 59, 59QS, 59QS, 59HEC, 6, 6Qs
SNSUTL	B	Installs, Non-Ratchet	Series 59, 59QS, 59QS, 59HEC, 6, 6Qs
SNSIT	C	Installs, Ratchet	Series 59, 59QS, 59QS, 59HEC, 6, 6Qs
L3011B	D	Installs	Series 7, 7Qs, 11, 11QS
CST11	E	Strips	Series 7, 7Qs, 11, 11QS
CST596	E	Strips	Series 59, 59QS, 59QS, 59HEC, 6, 6Qs
RM11	F	Replacement Module	CST11
RM596	F	Replacement Module	CST596
IT10002	-	Replacement Blade Cassette	IT1000



Installation/Security Tool

Part Number	Fig.	Description	Dimension	
			A	B
SSTSNS	A	Security Shield Tool 59 & 6	7/16	1/2
SSTSNS11	A	Security Shield Tool 7 & 11	9/16	5/8
W5437	B	Combination Wrench	—	—



Corning Gilbert: “F” Connectors

UltraEase™ Compression Connectors “F” Series 59 and 6

Corning Gilbert introduces the next generation in high performance weather resistance “F” connectors, UltraEase™ (patent pending). This series of compression connectors combines the ease of installation with superior performance. Our new *post forward* design allows easy verification that the cable dielectric is flush with the post face prior to compression. This significantly unique concept presents the lowest activation force available in a high performance compression connector.

After compression the connector post has a conventional recessed position. This is another feature that helps the technician install the connector correctly everytime. 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.

The UltraEase 59 & 6 connector design incorporates a free spinning nut making installation faster and more reliable. The one-piece design eliminates any loose parts. Connectorization can be performed rapidly and consistently without the risk of misalignment of multiple parts. UltraEase™ Compression Connectors “F” Series 59 and 6 Connectors Product Information.

Moisture Migration:

- Passes SCTE interface moisture migration test (SCTE IPS TP 013)

Water Immersion:

- Passes Bellcore water immersion test (GR-1503-CORE)

Shielding Effectiveness:

- Better than -80 dB

Pull Force:

- Pull force exceeds SCTE recommendations

Port Interface:

- Meets SCTE IPS SP 401 recommended “F” port interface specification

Part Number	Color Code	Cable Type	Braid Coverage
GF-UE-59	Black	Series 59	60% to Tri Shield
GF-UE-59Q	Green	Series 59	Quad
GF-UE-6	Gold	Series 6	60% to Tri Shield
GF-UE-6Q	Silver	Series 6	Quad



Corning
Gilbert

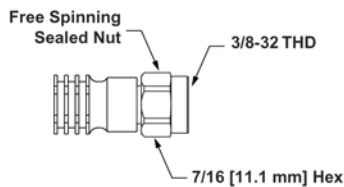
Corning Gilbert: "F" Connectors

"F" Series Connectors

"F" connectors allow a coaxial cable to maintain a 75-ohm impedance. They are used with 59, 6, 7 and 11 cable series. Use of "F" connectors helps avoid impedance problems with interfaces and splices.

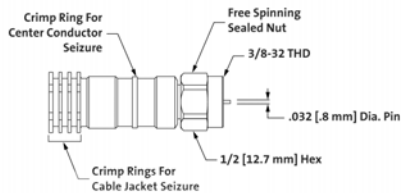
- 59 and 6 "F" connectors are available in a convenient feed-through design.
- 7 and 11 connectors have an internal pin contact that mate to female ports.
- Our family of universal connectors is designed to accept 60% through Quad shield cables. They maintain good electrical and mechanical properties and are installed with a crimp tool.

360 "F" Connectors



Series 56 and 6

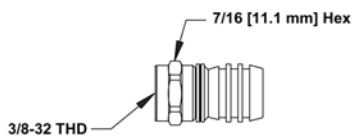
Part Number	Cable Type	Crimp Size
GF-360-59	Series 59	.360 Hex
GF-360-59Q	Series 59 Quad	.360 Hex
GF-360-6	Series 6	.360 Hex
GF-360-6Q	Series 6 Quad	.360 Hex



Series 7 and 11

Part Number	Cable Type	Crimp Size
GAF-360-7	Series 7	.410 Hex
GAF-360-7Q	Series 7 Quad	.410 Hex
GAF-360-11	Series 11	.475 Hex
GAF-360-11Q	Series 7 Quad	.475 Hex

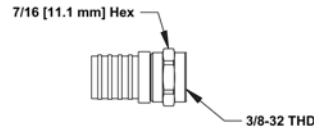
USA "F" Connectors



USA "F" Male

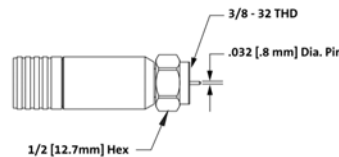
Part Number	Cable Type	Crimp Size
GF-59-AHS/USA	60% - Quad	.360 hex
GF-6-AHS/USA	60% - Quad	.360 hex

AHS "F" Connectors



"F" Male Connector

Part Number	Crimp Size	Braid Coverage
GF-59-AHS/290	.324 HEX	40% - 60%
GF-59-AHS/312	.324 HEX	60% - 90%
GF-59-AHS/322	.324 HEX	60% - 90%
GF-59-AHS/342	.324 HEX	Quad 60 / 40%
GF-59-AHS/357	.324 HEX	Quad High Braid %
GF-59-AHP/284	.324 HEX	Low Braid Plenum
GF-59-AHP/312	.324 HEX	High Braid Plenum
GF-6-AHS/322	.324 HEX	40% - 60%
GF-6-AHS/342	.324 HEX	Quad 60 / 40%
GF-6-AHS/357	.324 HEX	Quad High Braid %
GF-6-AHP/312	.324 HEX	Low Braid Plenum
GF-6-AHP/328	.324 HEX	High Braid Plenum

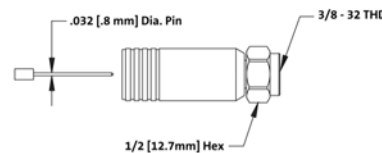


Series 7 Integral Pin

Part Number	Crimp Size	Braid Coverage
GAF-236/051-AHS/368	0.384 Hex	Single Braid
GAF-236/051-AHS/398	0.475 Hex	Quad

Series 11 Integral Pin

Part Number	Crimp Size	Braid Coverage
GAF-11-AHS/460	.475 Hex	Up to 90%
GAF-11-AHS/480	.475 Hex	Quad
GAF-11-AHP/450	.475 Hex	Plenum



Series 11 Crimp-on Pin

Part Number	Crimp Size	Braid Coverage
GF-11-AHS/460	.100 x .475 Hex	Up to 90%
GF-11-AHS/480	.100 x .475 Hex	Quad
GF-11-AHP/450	.100 x .475 Hex	Plenum

Corning Gilbert: "F" Accessories

Bonding Blocks and F-81 Drop Products

Corning Gilbert's next generation of high frequency drop products are designed for the highest electrical performance while maintaining excellent extended reliability.

The cylindrical contact design has four points of contact, not the two found in most high performance products. Contacts are manufactured from BeCu to insure reusability while maintaining high contact force. All F-female ports have a flat reference plane for maximum surface contact. F-females are machined from brass and nickel plating for maximum corrosion resistance.

Bonding blocks are manufactured from 6000 series aluminum and accept #14 AWG to #6 AWG copper ground wire. All mounting and bonding screws are accessible when installed. The sufficient leg length allows connectors to be easily removed while the bonding block is installed.



Product Features and Benefits

Bonding Blocks

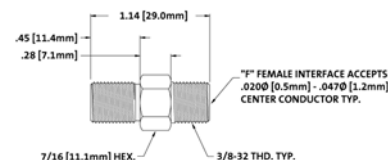
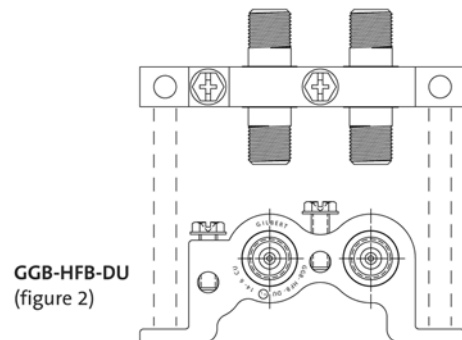
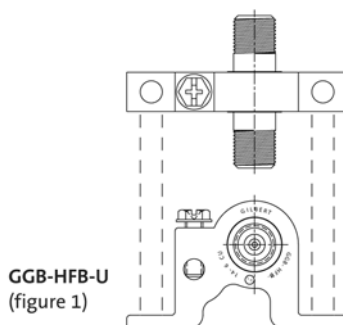
- 6000 series aluminum for excellent corrosion properties and low electrical resistance
- Accepts #14 AWG to #6 AWG grounding conductor
- Available in both single and dual versions
- UL Listed
- Mounting screws and bonding wire screw are accessible when mounted & connectorized
- Tall legs allow for easy connector installation
- Mounting screws optional

F-81's

- Wider center hex body to allow easy wrench access
- Also available with single or double D flats

Ordering Information

- GF-81-HFB (see figure 3)
- GGB-HFB-U (see figure 1)
- GGB-HFB-U-SCR (see figure 1)
- GGB-HFB-DU (see figure 2)
- GGB-HFB-DU-SCR (see figure 2)



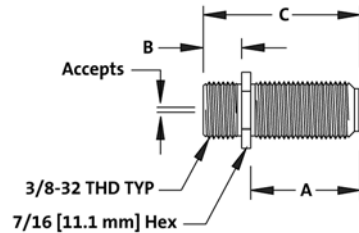
Corning
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Corning Gilbert: "F" Accessories

Female "F" Splice

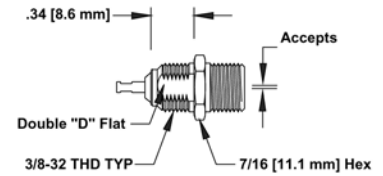
Female Splice (Spring Contact)

- GF-81 (A) = .72 (B) = .26 (C) = 1.06 .020 - .047
- GF-81-A (A) = .48 (B) = .26 (C) = .81 .020 - .047
- GF-81-S (A) = .73 (B) = .26 (C) = 1.13 .020 - .047



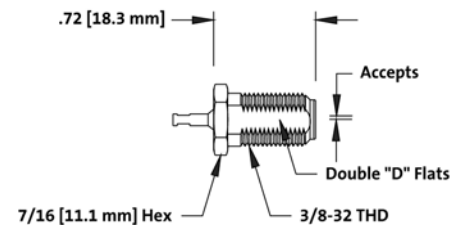
Female Chassis

- GF-61-A .020 - .047



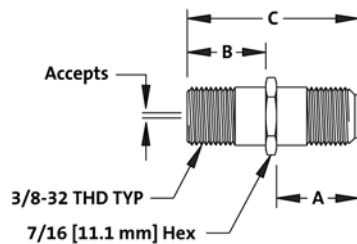
Female Chassis

- GF-61-AS .020 - .047



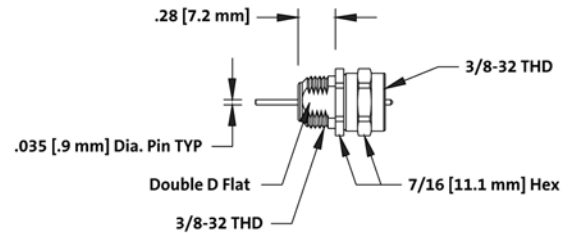
Female Splice (Spring Contact)

- GF-81-TS (A) = .510 (B) = .510 (C) = 1.108 .020 - .047
 - GF-81-HP1 (A) = .510 (B) = .510 (C) = 1.108 .020 - .051
- 1 High Performance Spring Contact for Superior Return Loss



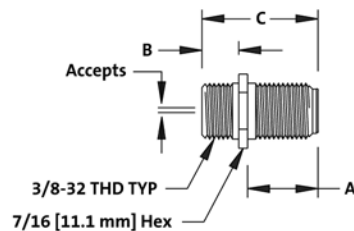
Male Chassis

- GF-59-CH-A



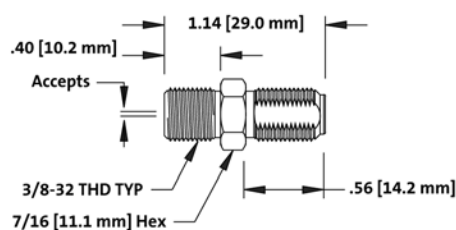
Female Splice (Spring Contact)

- GF-81-HP-6 (A) = .470 (B) = .255 (C) = .785 .030 - .040
 - GF-81-HP-59 (A) = .470 (B) = .255 (C) = .785 .025 - .032
- High Performance Spring Contact for Superior Return Loss



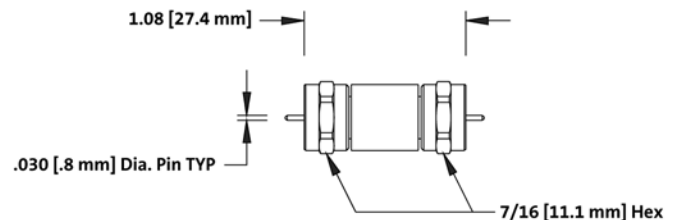
Female Splice (Spring Contact)

- GF-81-A-SP .020 - .047



"F" Male to "F" Male Splice

- GF-71-M

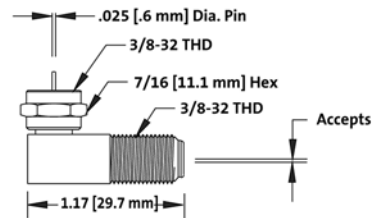


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Corning Gilbert: "F" Accessories

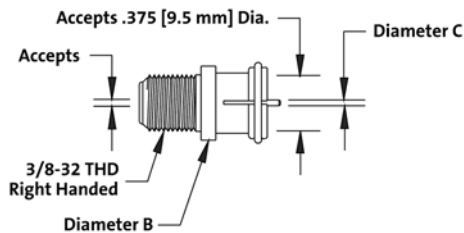
90 "F" Adapter

- GF-MF/90 .020 - .047



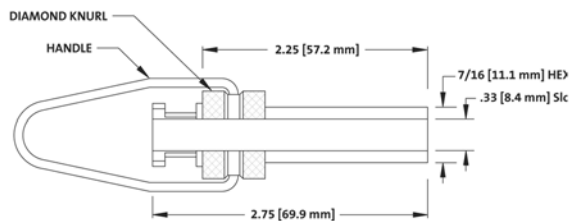
"F" Push-On Adapter

- GPF-59 (A) = .500 (B) = .040 .020 - .047
- NS-2467-1 (A) = .500 (B) = .025 .023 - .030



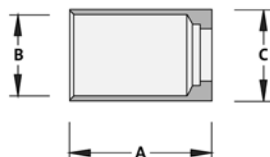
Security Shield Tool

- G-S-200



Security Shield

- NS-2412-13 Steel (A) = 1.030 (B) = .585 (C) = .660
For use with Terminator and Security Shield Tool above



"F" Series Accessories

When installed on a standard "F" female port, (ANSI/SCTE-IPS-SP-400-1996), this product gives a weather resistant seal with any UltraSeal or Gilbert 360 series connector.

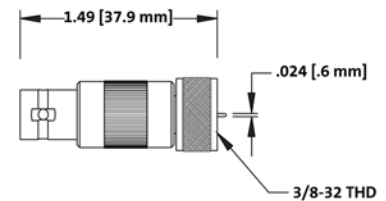
Seal Ring

- G-SR-1/2
Contact our TVC for correct applications and for availability in other sizes



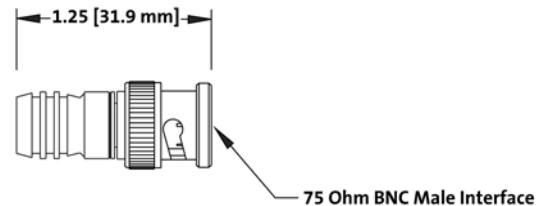
BNC Female to "F" Male

- G-BNCF-FM 75 Ohms



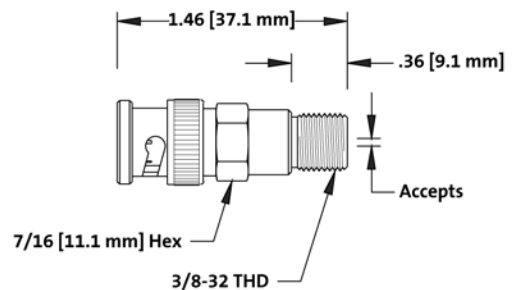
Universal BNC Connector

- GA-BNC-59-AHS/USA-L .360 Hex 59 Series 40% - Quad
- GA-BNC-6-AHS/USA-L .360 Hex 6 Series 40% - Quad



BNC Male to "F" Female

- G-BNCF-MF 75 Ohms .020 - .047



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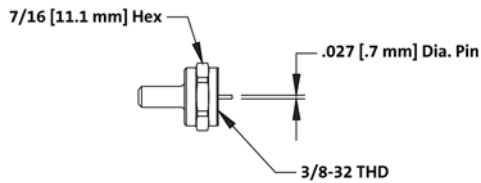
Corning Gilbert: "F" Accessories

"F" Series Terminators and Accessories

Our "F" series terminators are passive electronic circuitry designed to block 60 cycle and terminate RF signals on unused equipment ports. They are necessary to prevent impedance mismatches and minimize RF reflections and echoes. Unused active ports on trunk or feeder equipment should have a terminator installed. We offer a wide variety of terminators and drop accessories for a range of applications.

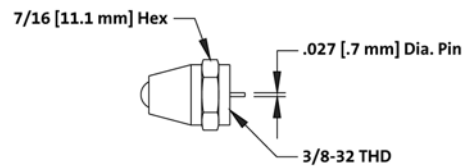
75 Ω Terminator

- GTR-59-A



75 Ω Precision Terminator

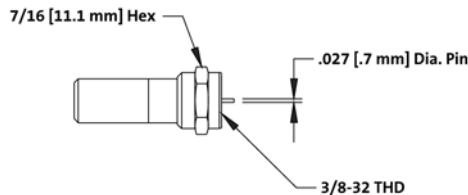
- NS-3082-1



75 Ω Power Blocking Terminator

- GTR-59-DCB

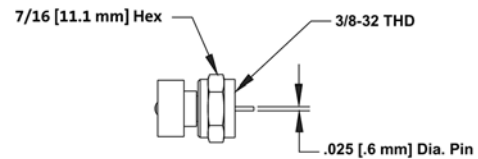
Incorporates a capacitor to block 60 Hz AC Power



75 Ω Power Blocking Terminator

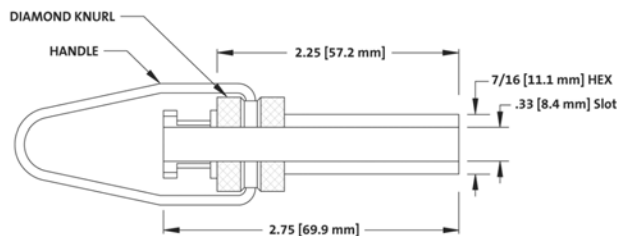
- GTR-59-S

Designed for use with Security Shields and Security Shield Tool



Security Shield Tool

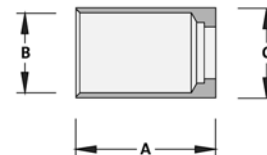
- G-S-200



Security Shield

- NS-2412-13 Steel (A)1.030 (B).585 (C).660

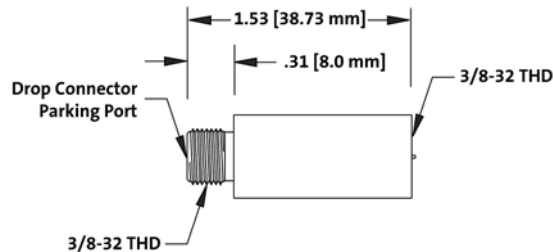
For use with Terminator and Security Shield Tool



Corning Gilbert: "F" Accessories

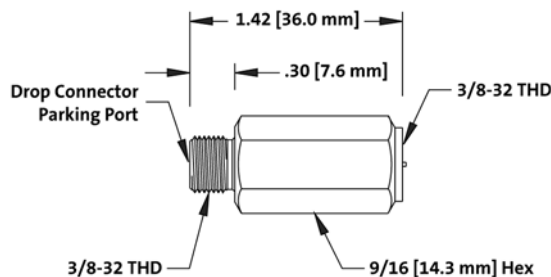
Theft Proof Terminator

- GTP-59 Resistor, Gasket
 - GTP-59-LR No Resistor, Gasket
 - NS-5762-5 Resistor, Gasket, Silicone Grease
 - NS-5762-7 Resistor, Gasket, Ident. Groove
 - NS-3268-5 No Resistor, Gasket, Silicone Grease
- Requires G-GTT-4 or G-GTT-7 tools for installation and removal



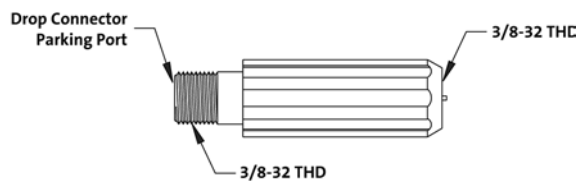
Theft Proof

- GTR-59-TP Resistor, Gasket
 - GTP-59-TP-SP No Resistor, Gasket
- Requires IT-59-TP-S or IT-59-TP-L tools for installation and removal



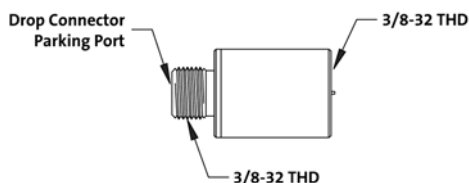
Theft Proof Terminator

- NS-5762-3 Resistor, No Gasket
 - NS-5762-9 No Resistor, No Gasket
 - NS-5762-11 Resistor, Gasket
 - NS-5762-13 No Resistor, Gasket
- Requires NS-6270-1 or NS-6270-3 tools for installation and removal



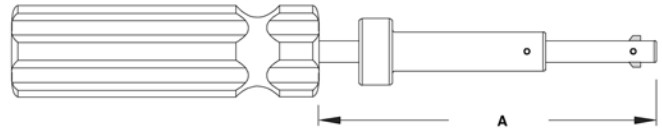
Theft Proof

- NS-7291-5 No Resistor, No Gasket
 - NS-7291-9 Resistor, No Gasket
- Requires NS-7341-1 tool for installation and removal



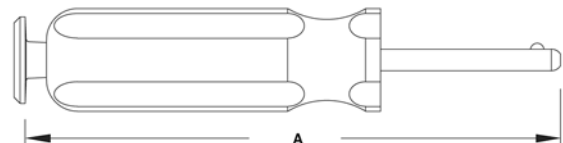
Terminator Tool

- G-GTT-4 (A) = 2.27
- G-GTT-7 (B) = 3.93



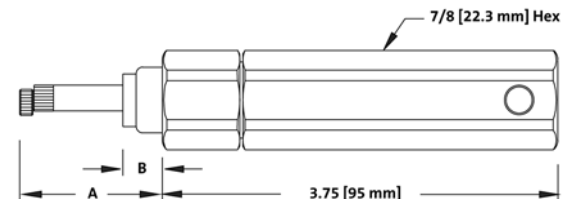
Terminator Tool

- IT-59-TP-S (A) = 6.00
- IT-59-TP-L (B) = 8.00



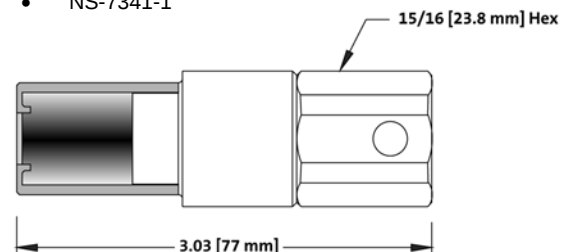
Terminator Tool

- NS-6270-1 (A) = 1.74 (B) = .750
- NS-6270-3 (A) = 5.74 (B) = 4.75



Terminator Tool

- NS-7341-1



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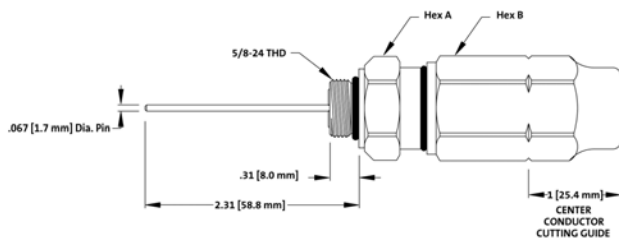
Corning Gilbert: G2 Series 2-Piece

G2 Series 2-Piece Trunk and Distribution Connectors

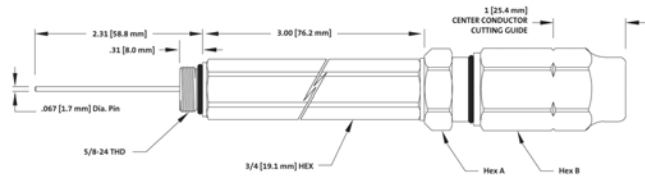
G2 series 2-piece trunk and distribution connectors provide superior performance, while eliminating the common disadvantages of traditional 2-piece designs.

- Provides installers a full view of the cable's center conductor insertion into the connector seizing mechanism (no blind entry)
- Incorporates a patented support sleeve located in the back nut of the connector, minimizing cable "pull back"
- The Tri-Start thread system (patent pending) minimizes the required back nut rotations when tightening the connector
- Domed insulator at the KS interface prevents moisture from collecting between the contact pin and connector body, reducing the possibility of corrosion
- Non-rotational design for installation and disassembly
- The G2 connectors have a center conductor cutting guide
- Unique closing mechanism preserves reusability

G2 Pin Connectors



G2 Extension Connectors



CommScope P-3 / Times Fiber T-10

Cable Series	Part Number	Center Cond.	Outer Cond.	Body Hex (A)	Back Nut Hex (B)
.500	G2-500-CH-P3	.109	.500	1	1
.625	G2-625-CH-P3	.137	.625	1-1/8	1-1/8
.750	G2-750-CH-P3	.167	.750	1-1/4	1-1/4
.875	G2-875-CH-P3	.194	.875	1-3/8	1-3/8

CommScope QR

.540	G2-540-CH-QR***	.124	.540	1-1/8	1-1/8
.715	G2-715-CH-QR***	.166	.715	1-1/4	1-1/4
.860	G2-860-CH-QR***	.203	.860	1-3/8	1-3/8

Times Fiber TX-10

.565	G2-565-CH-TX	.129	.565	1-1/8	1-1/8
.700	G2-700-CH-TX	.165	.700	1-1/4	1-1/4
.840	G2-840-CH-TX	.194	.840	1-3/8	1-3/8

Trilogy MC2

.500	G2-500-CH-MC2	.123	.510	1-1/8	1-1/8
.650	G2-650-CH-MC2	.156	.640	1-1/4	1-1/4
.750	G2-750-CH-MC2	.185	.760	1-3/8	1-3/8

Early Generations (P1 Cable)

.500	G2-500-CH-P1	.100	.500	1	1
.750	G2-750-CH-P1	.148	.750	1-1/4	1-1/4

*** Incorporates a non-metallic support sleeve

CommScope P-3 / Times Fiber T-10

Cable Series	Part Number	Center Cond.	Outer Cond.	Body Hex (A)	Back Nut Hex (B)
.500	G2-500-EXT-3-P3	.109	.500	1	1
.625	G2-625-EXT-3-P3	.137	.625	1-1/8	1-1/8
.750	G2-750-EXT-3-P3	.167	.750	1-1/4	1-1/4
.875	G2-875-EXT-3-P3	.194	.875	1-3/8	1-3/8

CommScope QR

.540	G2-540-EXT-3-QR***	.124	.540	1-1/8	1-1/8
.715	G2-715-EXT-3-QR***	.166	.715	1-1/4	1-1/4
.860	G2-860-EXT-3-QR***	.203	.860	1-3/8	1-3/8

Times Fiber TX-10

.565	G2-565-EXT-3-TX	.129	.565	1-1/8	1-1/8
.700	G2-700-EXT-3-TX	.165	.700	1-1/4	1-1/4
.840	G2-840-EXT-3-TX	.194	.840	1-3/8	1-3/8

Trilogy MC2

.500	G2-500-EXT-3-MC2	.123	.510	1-1/8	1-1/8
.650	G2-650-EXT-3-MC2	.156	.640	1-1/4	1-1/4
.750	G2-750-EXT-3-MC2	.185	.760	1-3/8	1-3/8

Early Generations (P1 Cable)

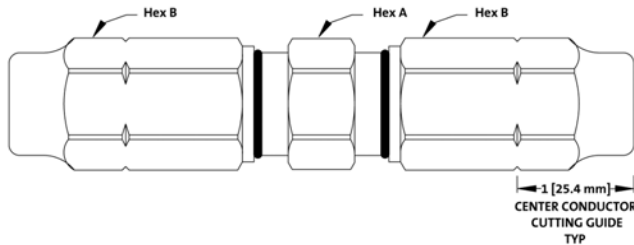
.500	G2-500-EXT-3-P1	.100	.500	1	1
.750	G2-750-EXT-3-P1	.148	.750	1-1/4	1-1/4

*** Incorporates a non-metallic support sleeve

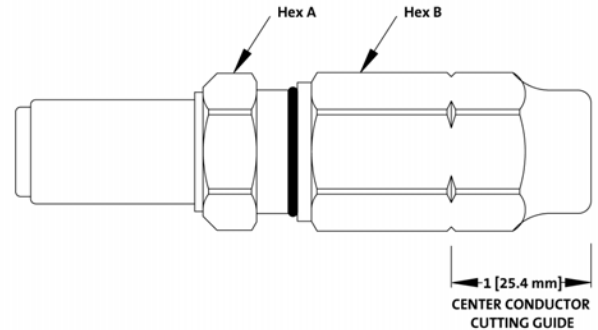
Corning
Gilbert

Corning Gilbert: G2 Series 2-Piece

G2 Splice Connectors



G2 Cable Terminators



CommScope P-3 / Times Fiber T-10

Cable Series	Part Number	Center Cond.	Outer Cond.	Body Hex (A)	Back Nut Hex (B)
.500	G2-500-SP-P3	.109	.500	1	1
.625	G2-625-SP-P3	.137	.625	1-1/8	1-1/8
.750	G2-750-SP-P3	.167	.750	1-1/4	1-1/4
.875	G2-875-SP-P3	.194	.875	1-3/8	1-3/8

CommScope QR

.540	G2-540-SP-QR***	.124	.540	1-1/8	1-1/8
.715	G2-715-SP-QR***	.166	.715	1-1/4	1-1/4
.860	G2-860-SP-QR***	.203	.860	1-3/8	1-3/8

Times Fiber TX-10

.565	G2-565-SP-TX	.129	.565	1-1/8	1-1/8
.700	G2-700-SP-TX	.165	.700	1-1/4	1-1/4
.840	G2-840-SP-TX	.194	.840	1-3/8	1-3/8

Trilogy MC2

.500	G2-500-SP-MC2	.123	.510	1-1/8	1-1/8
.650	G2-650-SP-MC2	.156	.640	1-1/4	1-1/4
.750	G2-750-SP-MC2	.185	.760	1-3/8	1-3/8

Early Generations (P1 Cable)

.500	G2-500-SP-P1	.100	.500	1	1
.750	G2-750-SP-P1	.148	.750	1-1/4	1-1/4

*** Incorporates a non-metallic support sleeve

CommScope P-3 / Times Fiber T-10

Cable Series	Part Number	Center Cond.	Outer Cond.	Body Hex (A)	Back Nut Hex (B)
.500	G2-500-TR-P3	.109	.500	1	1
.625	G2-625-TR-P3	.137	.625	1-1/8	1-1/8
.750	G2-750-TR-P3	.167	.750	1-1/4	1-1/4
.875	G2-875-TR-P3	.194	.875	1-3/8	1-3/8

CommScope QR

.540	G2-540-TR-QR***	.124	.540	1-1/8	1-1/8
.715	G2-715-TR-QR***	.166	.715	1-1/4	1-1/4
.860	G2-860-TR-QR***	.203	.860	1-3/8	1-3/8

Times Fiber TX-10

.565	G2-565-TR-TX	.129	.565	1-1/8	1-1/8
.700	G2-700-TR-TX	.165	.700	1-1/4	1-1/4
.840	G2-840-TR-TX	.194	.840	1-3/8	1-3/8

Trilogy MC2

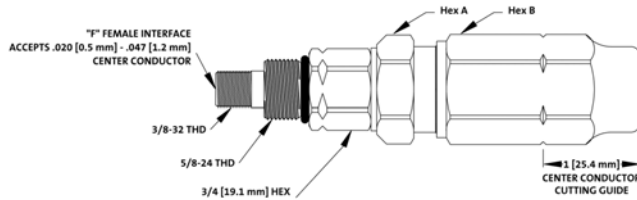
.500	G2-500-TR-MC2	.123	.510	1-1/8	1-1/8
.650	G2-650-TR-MC2	.156	.640	1-1/4	1-1/4
.750	G2-750-TR-MC2	.185	.760	1-3/8	1-3/8

Early Generations (P1 Cable)

.500	G2-500-TR-P1	.100	.500	1	1
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*** Incorporates a non-metallic support sleeve

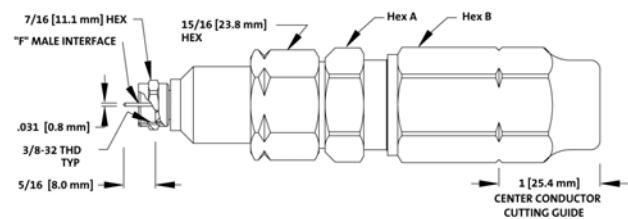
G2 BAFF Connectors


CommScope P-3 / Times Fiber T-10

Cable Series	Part Number	Center Cond.	Outer Cond.	Body Hex (A)	Back Nut Hex (B)
.500	G2-500-BAFF-P3	.109	.500	1	1
.625	G2-625-BAFF-P3	.137	.625	1-1/8	1-1/8
.750	G2-750-BAFF-P3	.167	.750	1-1/4	1-1/4
.875	G2-875-BAFF-P3	.194	.875	1-3/8	1-3/8
CommScope QR					
.540	G2-540-BAFF-QR***	.124	.540	1-1/8	1-1/8
.715	G2-715-BAFF-QR***	.166	.715	1-1/4	1-1/4
.860	G2-860-BAFF-QR***	.203	.860	1-3/8	1-3/8
Times Fiber TX-10					
.565	G2-565-BAFF-TX	.129	.565	1-1/8	1-1/8
.700	G2-700-BAFF-TX	.165	.700	1-1/4	1-1/4
.840	G2-840-BAFF-TX	.194	.840	1-3/8	1-3/8
Times Fiber TX-10					
.500	G2-500-BAFF-MC2	.123	.510	1-1/8	1-1/8
.750	G2-750-BAFF-MC2	.185	.760	1-3/8	1-3/8
Early Generations (P1 Cable)					
.500	G2-500-BAFF-P1	.100	.500	1	1
.750	G2-750-BAFF-P1	.148	.750	1-1/4	1-1/4

*** Incorporates a non-metallic support sleeve

G2 AFM Connectors


CommScope P-3 / Times Fiber T-10

Cable Series	Part Number	Center Cond.	Outer Cond.	Body Hex (A)	Back Nut Hex (B)
.500	G2-500-AFM-P3	.109	.500	1	1
.625	G2-625-AFM-P3	.137	.625	1-1/8	1-1/8
.750	G2-750-AFM-P3	.167	.750	1-1/4	1-1/4
.875	G2-875-AFM-P3	.194	.875	1-3/8	1-3/8
CommScope QR					
.540	G2-540-AFM-QR***	.124	.540	1-1/8	1-1/8
.715	G2-715-AFM-QR***	.166	.715	1-1/4	1-1/4
.860	G2-860-AFM-QR***	.203	.860	1-3/8	1-3/8
Times Fiber QR					
.565	G2-565-AFM-TX	.129	.565	1-1/8	1-1/8
.700	G2-700-AFM-TX	.165	.700	1-1/4	1-1/4
.840	G2-840-AFM-TX	.194	.840	1-3/8	1-3/8
Trilogy MC2					
.500	G2-500-AFM-MC2	.123	.510	1-1/8	1-1/8
.650	G2-650-AFM-MC2	.156	.640	1-1/4	1-1/4
.750	G2-750-AFM-MC2	.185	.760	1-3/8	1-3/8
Early Generations (P1 Cable)					
.500	G2-500-AFM-P1	.100	.500	1	1
.750	G2-750-AFM-P1	.148	.750	1-1/4	1-1/4

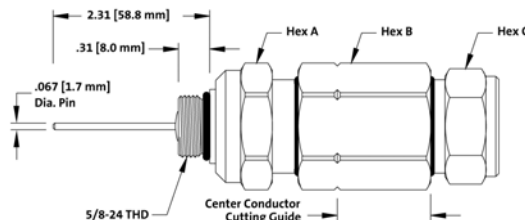
*** Incorporates a non-metallic support sleeve

Corning Gilbert: GRS Series 3-Piece

GRS Series 3-Piece Trunk and Distribution Connectors

GRS series 3-piece trunk and distribution connectors are used in low power RF, video, data signals and powered broadband systems. Chassis mounting connectors are used in 5/8-24 equipment entry.

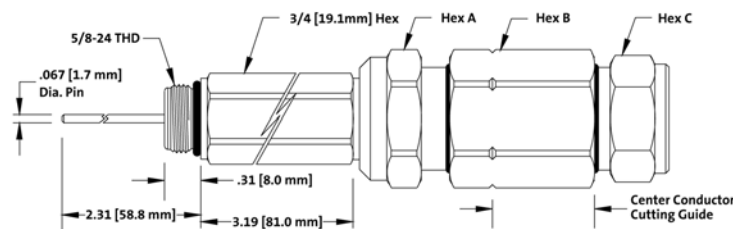
- Independent seizing of the center conductor permits installers to physically verify the center conductor has been seized prior to tightening the back nut
- Placement of the integral mandrel of the connector in the main nut provides a full view of the center conductor's entrance into the seizing mechanism and requires minimal pull back for ease of installation
- Domed insulator at the KS interface prevents moisture from collecting between the contact pin and connector body, reducing the possibility of corrosion
- The GRS connectors have a center conductor cutting guide
- Reusable



Cable Series	Part Number	Cntr. Cond.	Outer Cond.	Body Hex (A)	Main Nut Hex (B)	Back Nut Hex (C)
CommScope P-3 / Times Fiber T-10						
.412	GRS-412-CH-DU-01-T	.092	.412	15/16	1	15/16
.500	GRS-500-CH-DU-03-T	.109	.500	1-1/8	1-1/8	1
.625	GRS-625-CH-DU-02-T	.137	.625	1-1/4	1-1/4	1-1/8
.750	GRS-750-CH-DU-01-T	.167	.750	1-3/8	1-3/8	1-1/4
.875	GRS-875-CH-DU-02-T	.194	.875	1-3/8	1-3/8	1-3/8
1.000	GRS-1000-CH-DU-01-T	.220	1.000	1-3/8	1-5/8ø, 1-1/2 flats	1-1/2
CommScope P-3 Quantum Reach (QR)						
.320 (7C)	GRS-320-CH-QR-T	.071	.320	15/16	1	1
.540	GRS-540-CH-QRP-T***	.124	.540	1-1/4	1-1/4	1-1/4
.715	GRS-715-CH-QRP-T***	.166	.715	1-5/16	1-5/16	1-5/16
.860	GRS-860-CH-QRP-T***	.203	.860	1-7/16	1-1/2	1-1/2
1.125	GRS-1125-CH-QR-T	.263	1.125	Requires 2 Hook type spanner wrenches (PN SW-2)		
Times Fiber TX-10						
.480	GRS-480-CH-TX-T	.109	.480	1-1/8	1-1/8	1
.565	GRS-565-CH-TX-T	.129	.565	1-1/4	1-1/4	1-1/8
.700	GRS-700-CH-TX-T	.165	.700	1-5/16	1-5/16	1-5/16
.840	GRS-840-CH-TX-T	.194	.840	1-3/8	1-1/2	1-1/2
1.160	GRS-1160-CH-TX-T	.269	1.160	Requires 2 Hook type spanner wrenches (PN SW-2)		
Trilogy MC2						
.440	GRS-440-CH-MC2-T	.105	.450	1-1/8	1-1/8	1
.500	GRS-500-CH-MC2-T	.123	.510	1-1/8	1-1/8	1
.650	GRS-650-CH-MC2-T	.156	.640	1-5/16	1-5/16	1-5/16
.750	GRS-750-CH-MC2-T	.185	.760	1-3/8	1-3/8	1-1/4
1.000	GRS-1000-CH-MC2-T	.248	1.015	1-1/2	1-3/4ø, 1-5/8 flats	1-1/2
Early Generations						
.412 Grp. A	GRS-412-CH-A-01-T	.080	.412	13/16	1	15/16
.412 Grp. CX	GRS-412-CH-CX-T	.080	.482*	15/16	1-1/8	1
.500 Grp. C	GRS-500-CH-A-01-T	.100	.500	15/16	1-1/8	1
.500 Grp. D	GRS-500-CH-DU-01-T	.109	.500	1-1/8	1-1/8	1
.500 Grp. E	GRS-500-CH-DU-02-T	.109	.500	1-1/8	1-1/8	1
.500 Grp. F	GRS-13.0-CH-DU-01-T	.119	.509	1-1/8	1-1/8	1
.500 Grp. CX	GRS-500-CH-CX-T	.110	.571	1-1/8	1-1/4	1-1/8
.625 Grp. CX	GRS-625-CH-CX-T	.137	.693	1-1/4	1-3/8	1-1/4
.750 Grp. G	GRS-750-CH-A-01-T	.148	.750	1-1/8	1-3/8	1-1/4
.750 Grp. H	GRS-750-CH-DU-03-T	.167	.750	1-3/8	1-3/8	1-1/4
.750 Grp. J	GRS-750-CH-FD-04-T	.176	.750	1-3/8	1-3/8	1-1/4
.750 Grp. CX	GRS-750-CH-CX-T	.169	.816*	1-3/8	1-1/2ø, 1-7/16 flats	1-1/4
.875 Grp. CX	GRS-875-CH-CX-T	.194	.947*	1-3/8	1-5/8ø, 1-1/2 flats	1-1/2
1.000 Grp. O	GRS-1000-CH-A-01-T	.193	1.000	1-3/8	1-5/8ø, 1-1/2 flats	1-1/2
1.000 Grp. N	GRS-1000-CH-FD-01-T	.236	1.000	1-1/2	1-3/4ø, 1-5/8 flats	1-1/2

Corning Gilbert: GRS Series 3-Piece

GRS Extension Connectors



CommScope P-3 / Times Fiber T-10

Cable Series	Part Number	Cntr. Conductor	Outer Conductor	Body Hex (A)	Main Nut Hex (B)	Back Nut Hex (C)
.412**	GRS-412-EXT-DU-01-T	.092	.412	15/16	1	15/16
.500	GRS-500-EXT-DU-03-T	.109	.500	1-1/8	1-1/8	1
.625	GRS-625-EXT-DU-02-T	.137	.625	1-1/4	1-1/4	1-1/8
.750	GRS-750-EXT-DU-01-T	.167	.750	1-3/8	1-3/8	1-1/4
.875	GRS-875-EXT-DU-02-T	.194	.875	1-3/8	1-3/8	1-3/8
1.000**	GRS-1000-EXT-DU-01-T	.220	1.000	1-3/8	1-5/8ø, 1-1/2 flats	1-1/2

CommScope QR

.320 (7C)**	GRS-320-EXT-QR-T	.071	.320	15/16	1	1
.540	GRS-540-EXT-QRP-T***	.124	.540	1-1/4	1-1/4	1-1/4
.715	GRS-715-EXT-QRP-T***	.166	.715	1-5/16	1-5/16	1-5/16
.860	GRS-860-EXT-QRP-T***	.203	.860	1-7/16	1-1/2	1-1/2
1.125**	GRS-1125-EXT-QR-T	.263	1.125	Requires 2 Hook type spanner wrenches (PN SW-2)		

Times Fiber TX-10

.565	GRS-565-EXT-TX-T	.129	.565	1-1/4	1-1/4	1-1/8
.700	GRS-700-EXT-TX-T	.165	.700	1-5/16	1-5/16	1-5/16
.840	GRS-840-EXT-TX-T	.194	.840	1-3/8	1-1/2	1-1/2
1.160**	GRS-1160-EXT-TX-T	.269	1.160	Requires 2 Hook type spanner wrenches (PN SW-2)		

Trilogy MC2

.440**	GRS-440-EXT-MC2-T	.105	.450	1-1/8	1-1/8	1
.500	GRS-500-EXT-MC2-T	.123	.510	1-1/8	1-1/8	1
.650	GRS-650-EXT-MC2-T	.156	.640	1-5/16	1-5/16	1-5/16
.750	GRS-750-EXT-MC2-T	.185	.760	1-3/8	1-3/8	1-1/4
1.000**	GRS-1000-EXT-MC2-T	.248	1.015	1-1/2	1-3/4ø, 1-5/8 flats	1-1/2

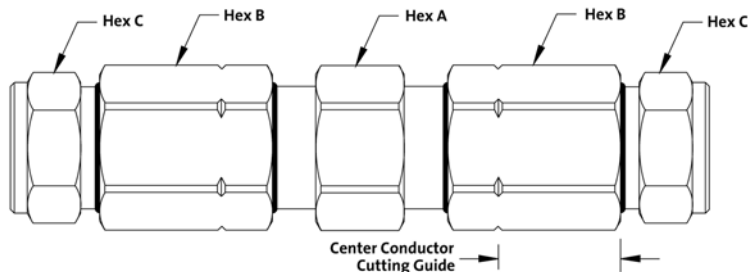
Early Generations

.412 Group A	GRS-412-EXT-A-01-T	.080	.412	13/16	1	15/16
.412 Group CX	GRS-412-EXT-CX-T	.080	.482*	15/16	1-1/8	1
.500 Group C	GRS-500-EXT-A-01-T	.100	.500	15/16	1-1/8	1
.500 Group D	GRS-500-EXT-DU-01-T	.109	.500	1-1/8	1-1/8	1
.500 Group E	GRS-500-EXT-DU-02-T	.109	.500	1-1/8	1-1/8	1
.500 Group CX	GRS-500-EXT-CX-T	.110	.571*	1-1/8	1-1/4	1-1/8
.625 Group CX	GRS-625-EXT-CX-T	.137	.693*	1-1/4	1-3/8	1-1/4
.750 Group G	GRS-750-EXT-A-01-T	.148	.750	1-1/8	1-3/8	1-1/4
.750 Group H	GRS-750-EXT-DU-03-T	.167	.750	1-3/8	1-3/8	1-1/4
.750 Group J	GRS-750-EXT-FD-04-T	.176	.750	1-3/8	1-3/8	1-1/4
.750 Group CX	GRS-750-EXT-CX-T	.169	.816*	1-3/8	1-1/2ø, 1-7/16 flats	1-1/4
.875 Group CX	GRS-875-EXT-CX-T	.194	.947*	1-3/8	1-5/8ø, 1-1/2 flats	1-1/2
1.000 Group O	GRS-1000-EXT-A-01-T	.193	1.000	1-3/8	1-5/8ø, 1-1/2 flats	1-1/2
1.000 Group N	GRS-1000-EXT-FD-01-T	.236	1.000	1-1/2	1-3/4ø, 1-5/8 flats	1-1/2

*Indicates diameter over outer jacket ** Ext connector is assembled from a pin type connector and a socket contact extension adapter *** Incorporates a non-metallic support sleeve

Corning Gilbert: GRS Series 3-Piece

GRS Splice Connectors



CommScope P-3 / Times Fiber T-10

Cable Series	Part Number	Cntr. Conductor	Outer Conductor	Body Hex (A)	Main Nut Hex (B)	Back Nut Hex (C)
.412**	GRS-412-EXT-DU-01-T	.092	.412	15/16	1	15/16
.500	GRS-500-EXT-DU-03-T	.109	.500	1-1/8	1-1/8	1
.625	GRS-625-EXT-DU-02-T	.137	.625	1-1/4	1-1/4	1-1/8
.750	GRS-750-EXT-DU-01-T	.167	.750	1-3/8	1-3/8	1-1/4
.875	GRS-875-EXT-DU-02-T	.194	.875	1-3/8	1-3/8	1-3/8
1.000**	GRS-1000-EXT-DU-01-T	.220	1.000	1-3/8	1-5/8 $\varnothing$, 1-1/2 flats	1-1/2

CommScope QR

.320 (7C)**	GRS-320-EXT-QR-T	.071	.320	15/16	1	1
.540	GRS-540-EXT-QRP-T***	.124	.540	1-1/4	1-1/4	1-1/4
.715	GRS-715-EXT-QRP-T***	.166	.715	1-5/16	1-5/16	1-5/16
.860	GRS-860-EXT-QRP-T***	.203	.860	1-7/16	1-1/2	1-1/2
1.125**	GRS-1125-EXT-QR-T	.263	1.125	Requires 2 Hook type spanner wrenches (PN SW-2)		

Times Fiber TX-10

.565	GRS-565-EXT-TX-T	.129	.565	1-1/4	1-1/4	1-1/8
.700	GRS-700-EXT-TX-T	.165	.700	1-5/16	1-5/16	1-5/16
.840	GRS-840-EXT-TX-T	.194	.840	1-3/8	1-1/2	1-1/2
1.160**	GRS-1160-EXT-TX-T	.269	1.160	Requires 2 Hook type spanner wrenches (PN SW-2)		

Trilogy MC2

.440**	GRS-440-EXT-MC2-T	.105	.450	1-1/8	1-1/8	1
.500	GRS-500-EXT-MC2-T	.123	.510	1-1/8	1-1/8	1
.650	GRS-650-EXT-MC2-T	.156	.640	1-5/16	1-5/16	1-5/16
.750	GRS-750-EXT-MC2-T	.185	.760	1-3/8	1-3/8	1-1/4
1.000**	GRS-1000-EXT-MC2-T	.248	1.015	1-1/2	1-3/4 $\varnothing$, 1-5/8 flats	1-1/2

Early Generations

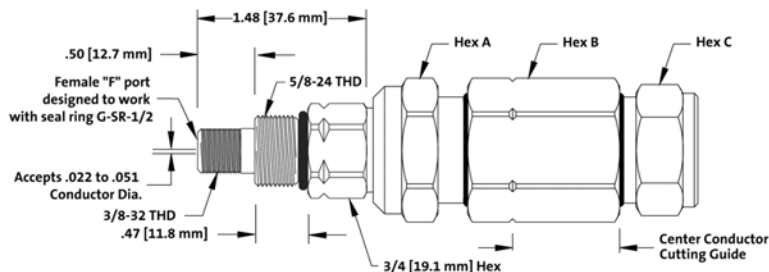
.412 Group A	GRS-412-EXT-A-01-T	.080	.412	13/16	1	15/16
.412 Group CX	GRS-412-EXT-CX-T	.080	.482*	15/16	1-1/8	1
.500 Group C	GRS-500-EXT-A-01-T	.100	.500	15/16	1-1/8	1
.500 Group D	GRS-500-EXT-DU-01-T	.109	.500	1-1/8	1-1/8	1
.500 Group E	GRS-500-EXT-DU-02-T	.109	.500	1-1/8	1-1/8	1
.500 Group CX	GRS-500-EXT-CX-T	.110	.571*	1-1/8	1-1/4	1-1/8
.625 Group CX	GRS-625-EXT-CX-T	.137	.693*	1-1/4	1-3/8	1-1/4
.750 Group G	GRS-750-EXT-A-01-T	.148	.750	1-1/8	1-3/8	1-1/4
.750 Group H	GRS-750-EXT-DU-03-T	.167	.750	1-3/8	1-3/8	1-1/4
.750 Group J	GRS-750-EXT-FD-04-T	.176	.750	1-3/8	1-3/8	1-1/4
.750 Group CX	GRS-750-EXT-CX-T	.169	.816*	1-3/8	1-1/2 $\varnothing$, 1-7/16 flats	1-1/4
.875 Group CX	GRS-875-EXT-CX-T	.194	.947*	1-3/8	1-5/8 $\varnothing$, 1-1/2 flats	1-1/2
1.000 Group O	GRS-1000-EXT-A-01-T	.193	1.000	1-3/8	1-5/8 $\varnothing$, 1-1/2 flats	1-1/2
1.000 Group N	GRS-1000-EXT-FD-01-T	.236	1.000	1-1/2	1-3/4 $\varnothing$, 1-5/8 flats	1-1/2

*Indicates diameter over outer jacket *** Incorporates a non-metallic support sleeve

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Corning Gilbert: GRS Series 3-Piece

GRS BAFF Connectors



CommScope P-3 / Times Fiber T-10

Cable Series	Part Number	Cntr. Conductor	Outer Conductor	Body Hex (A)	Main Nut Hex (B)	Back Nut Hex (C)
.412	GRS-412-BAFF-DU-01	.092	.412	15/16	1	15/16
.500	GRS-500-BAFF-DU-03	.109	.500	1-1/8	1-1/8	1
.625	GRS-625-BAFF-DU-02	.137	.625	1-1/4	1-1/4	1-1/8
.750	GRS-750-BAFF-DU-01	.167	.750	1-3/8	1-3/8	1-1/4
.875	GRS-875-BAFF-DU-02	.194	.875	1-3/8	1-3/8	1-3/8
1.000	GRS-1000-BAFF-DU-01	.220	1.000	1-3/8	1-5/8ø, flats	1-1/2

CommScope QR

.320 (7C)	GRS-320-BAFF-QR	.071	.320	15/16	1	1
.540	GRS-540-BAFF-QRP***	.124	.540	1-1/4	1-1/4	1-1/4
.715	GRS-715-BAFF-QRP***	.166	.715	1-5/16	1-5/16	1-5/16
.860	GRS-860-BAFF-QRP***	.203	.860	1-7/16	1-1/2	1-1/2
1.125	GRS-1125-BAFF-QR	.263	1.125	Requires 2 Hook type spanner wrenches (PN SW-2)		

Times Fiber TX-10

.565	GRS-565-BAFF-TX	.129	.565	1-1/4	1-1/4	1-1/8
.700	GRS-700-BAFF-TX	.165	.700	1-5/16	1-5/16	1-5/16
.840	GRS-840-BAFF-TX	.194	.840	1-3/8	1-1/2	1-1/2
1.160	GRS-1160-BAFF-TX	.269	1.160	Requires 2 Hook type spanner wrenches (PN SW-2)		

Trilogy MC2

.440	GRS-440-BAFF-MC2	.105	.450	1-1/8	1-1/8	1
.500	GRS-500-BAFF-MC2	.123	.510	1-1/8	1-1/8	1
.650	GRS-650-BAFF-MC2	.156	.640	1-5/16	1-5/16	1-5/16
.750	GRS-750-BAFF-MC2	.185	.760	1-3/8	1-3/8	1-1/4
1.000	GRS-1000-BAFF-MC2	.248	1.015	1-1/2	1-3/4ø, 1-5/8 flats	1-1/2

Early Generations

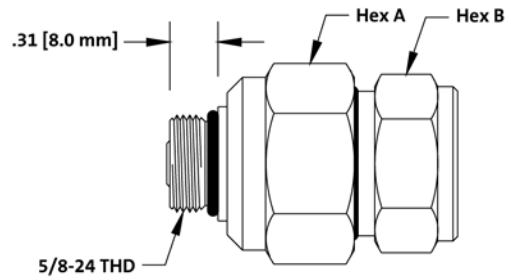
.412 Group A	GRS-412-BAFF-A-01	.080	.412	13/16	1	15/16
.412 Group CX	GRS-412-BAFF-CX	.080	.482*	15/16	1-1/8	1
.500 Group C	GRS-500-BAFF-A-01	.100	.500	15/16	1-1/8	1
.500 Group D	GRS-500-BAFF-DU-01	.109	.500	1-1/8	1-1/8	1
.500 Group E	GRS-500-BAFF-DU-02	.109	.500	1-1/8	1-1/8	1
.500 Group CX	GRS-500-BAFF-CX	.110	.571*	1-1/8	1-1/4	1-1/8
.625 Group CX	GRS-625-BAFF-CX	.137	.693*	1-1/4	1-3/8	1-1/4
.750 Group G	GRS-750-BAFF-A-01	.148	.750	1-1/8	1-3/8	1-1/4
.750 Group H	GRS-750-BAFF-DU-03	.167	.750	1-3/8	1-3/8	1-1/4
.750 Group J	GRS-750-BAFF-FD-04	.176	.750	1-3/8	1-3/8	1-1/4
.750 Group CX	GRS-750-BAFF-CX	.169	.816*	1-3/8	1-1/2ø, 1-7/16 flats	1-1/4
.875 Group CX	GRS-875-BAFF-CX	.194	.947*	1-3/8	1-5/8ø, 1-1/2 flats	1-1/2
1.000 Group O	GRS-1000-BAFF-A-01	.193	1.000	1-3/8	1-5/8ø, 1-1/2 flats	1-1/2
1.000 Group N	GRS-1000-BAFF-FD-01	.236	1.000	1-1/2	1-3/4ø, 1-5/8 flats	1-1/2

*Indicates diameter over outer jacket *** Incorporates a non-metallic support sleeve

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Corning Gilbert: GRS Series 3-Piece

GRS Feed Through Connectors



CommScope P-3 / Times Fiber T-10					
Cable Series	Part Number	Cntr. Conductor	Outer Conductor	Body Hex (A)	Back Nut Hex (C)
.412	GRS-412-B-DU-01	.092	.412	1	1-15/16
.500	GRS-500-B-DU-03	.109	.500	1-1/8	1
CommScope QR					
.540	GRS-540-B-QR	.124	.540	1-1/4	1-1/4
Trilogy MC2					
.440	GRS-440-B-MC2	.105	.450	1-1/8	1
.500	GRS-500-B-MC2	.123	.510	1-1/8	1
Early Generations					
.500 Group D	GRS-500-B-DU-01	.109	.500	1-1/8	1-1/8

Trunk and Distribution Adapters

Adapters are essential components to configure equipment for aerial and underground applications and are used to change the direction of the cable where space is limited or where tight bends are required. Our adapters allow room to economize the enclosures installed on municipal and customer properties. They eliminate the need for excess splicing in system rebuilds and reduce the number of cables damaged through tight bending radiuses and other installation challenges. Seizure screws or socket contacts are used to make contact with the mating connector pin.

Seizure Series Adapters

- Seizure screw versions use a screw to tighten down on either the cable's center conductor in feed thru connectors or the pin of the mating connector or adapter

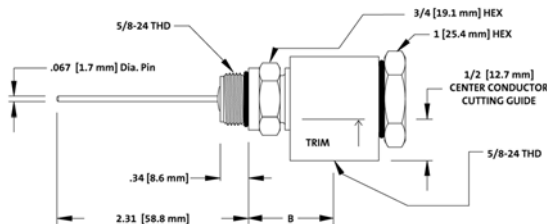
Socket Series Adapters

- Socket contact adapters automatically make contact with the pin of the mating connector or adapter as the KS male port is threaded into the adapter
- Both style of adapters are available with either jam nuts or swivel KS male ports to allow for proper orientation
- Reusable
- Center conductor trim guide

90° Seizure Screw Adaptors

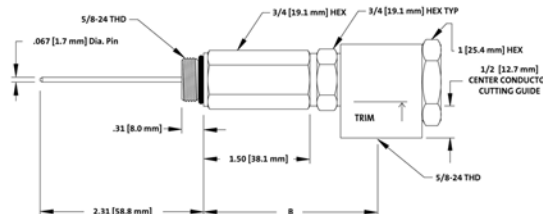
90° Seizure Screw

- GP-90-T (B) = 1.00



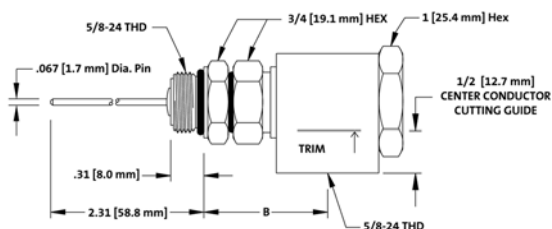
90° Seizure Extension

- GP-90-3.0-T (B) = 2.22
- GP-90-4.5-T (B) = 3.72



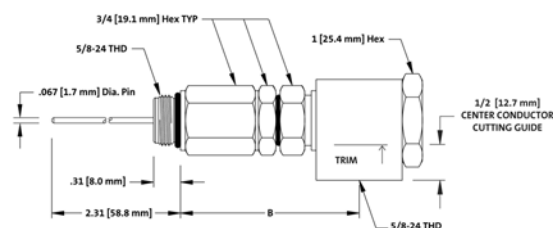
90° Seizure Swivel

- GP-90-S-T (B) = 1.29



90° Seizure Swivel Ext.

- GP-90-S-3.0-T (B) = 2.22
- GP-90-S-4.5-T (B) = 3.72



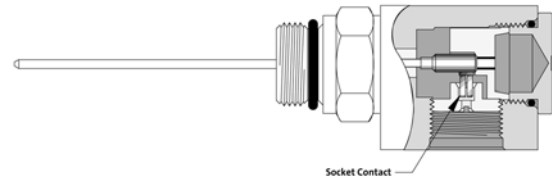
Note: All 90 Degree Adapters on this page have 5/8-24 internal threads.
(Internal seizure accepts Center Conductors of .151 [3.8 mm] MAX.)

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Gilbert

90 Degree Socket Contact Adapters

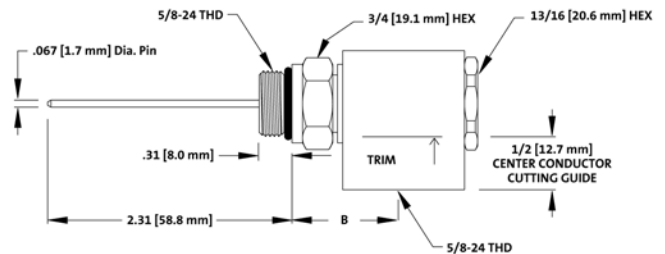
Socket Contact Adapters

- Beryllium copper socket contact design accepts pin diameter from .065 to .075 in. [1.65 to 1.90 mm].
- Bright acid tin plated brass pin.
- AC power rating: 15 amps continuous.
- Return loss: >30 db to 1 GHz.
- KS male and KS female ports meet SCTE interface practice standards.
- Body manufactured from ASTM 6262 aluminum alloy with chromate conversion coating.



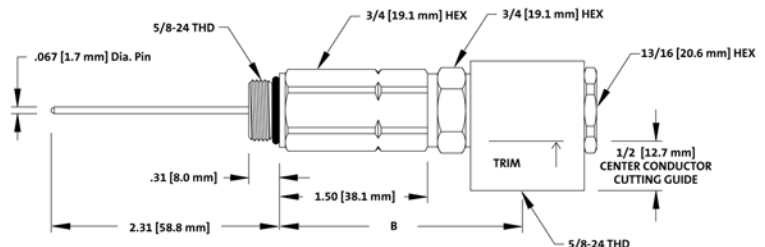
90° Socket

- GL-90-SC-T (B) = 1.00
Accepts .065 [1.7mm] thru .075 [1.9mm] pin dia.



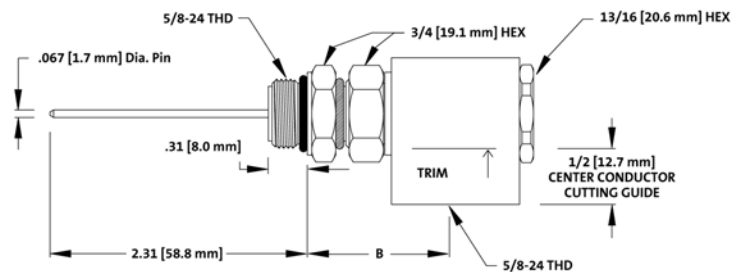
90° Socket Ext.

- GL-90-SC-w/1.5-T (B) = 2.46
- GL-90-SC-w/3-T (B) = 3.96
- GL-90-SC-w/4.5-T (B) = 5.46
- GL-90-SC-w/6-T (B) = 6.96
- GL-90-SC-w/9-T (B) = 9.96
- Accepts .065 [1.7mm] thru .075 [1.9mm] pin dia.

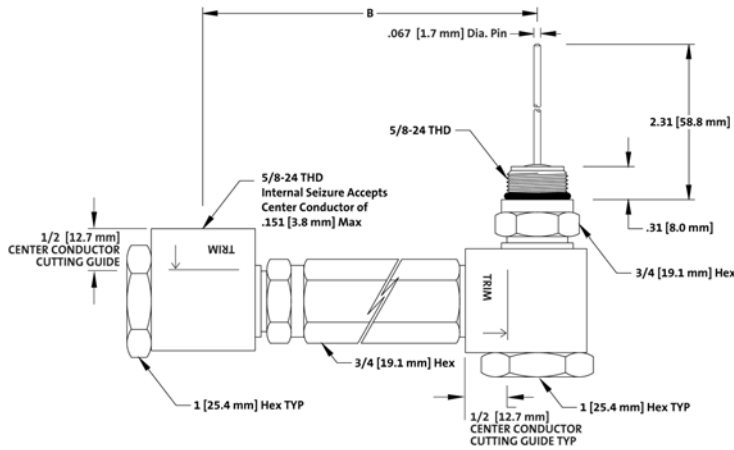


90° Socket swivel

- GL-90-SC-S-T (B) = 1.29
Accepts .065 [1.7mm] thru .075 [1.9mm] pin dia.

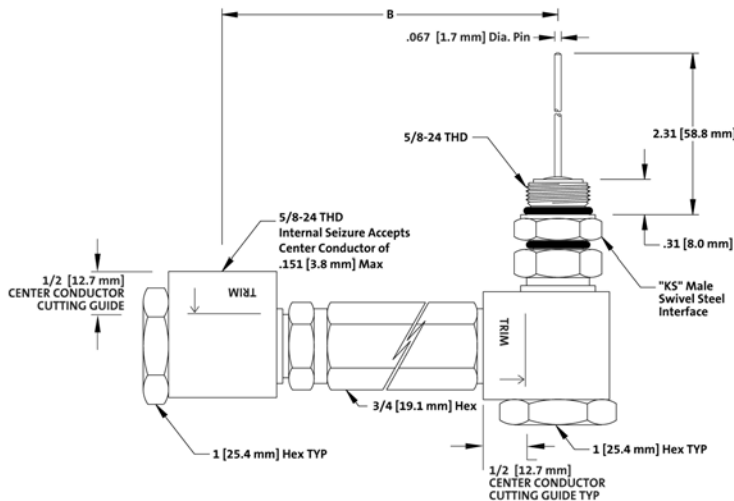


180° Degree Adapters



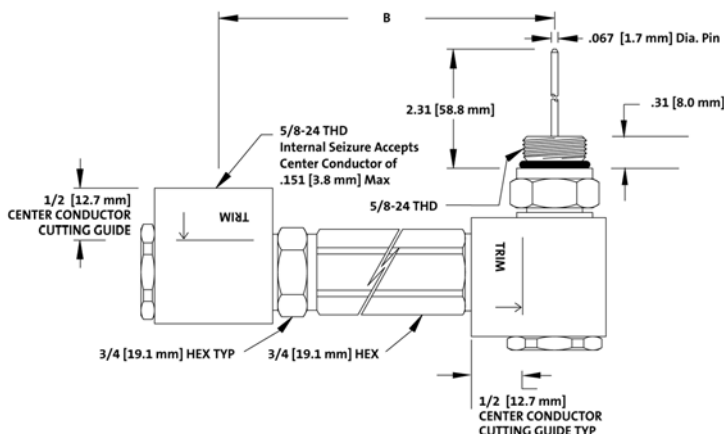
180° Seizure Screw

- GP-PA-T (B) = 5.18
- GP-PA-3.0-T (B) = 3.00
- GP-PA-4.5-T (B) = 4.50



180° Seizure Screw Swivel

- GP-PA-S-T (B) = 5.18
- GP-PA-S-3.0-T (B) = 3.00
- GP-PA-S-4.5-T (B) = 4.50



180° Socket Contact

- GL-180-SC-w/1.5-T (B) = 3.25
- GL-180-SC-w/3-T (B) = 4.75
- GL-180-SC-w/4.5-T (B) = 6.25
- GL-180-SC-w/6-T (B) = 7.75
- GL-180-SC-w/9-T (B) = 10.75

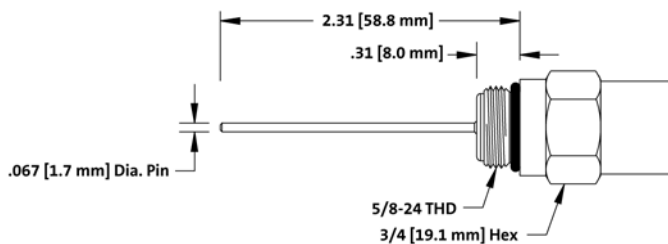
Housing Terminators

These 75 ohm housing terminators block AC power and terminate RF signals in 75 Ohm characteristic impedance.

High Performance Terminator

G-SPTR-M-T

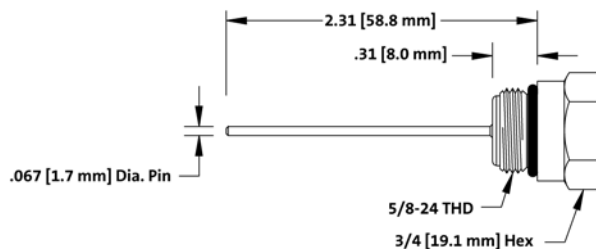
- Return loss 30 dB at 1 GHz
- Withstands 6 Kv surge per IEEE C62.41 combination wave
- Soldered construction for reliable performance
- Excellent CPD performance
- Impedance 75 ohm nominal
- KS male port meets SCTE interface practice standards
- Body manufactured from 6000 series aluminum with a gold chromate conversion coating
- Tin alloy plated brass pin
- UV and ozone resistant EPDM o-ring



Performance Housing Terminator

GTR-KS-M-T

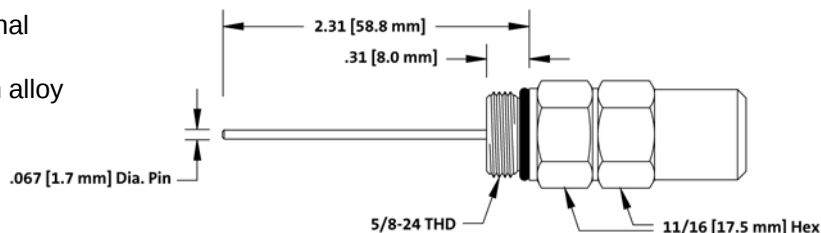
- Body: Brass Alloy C 36000
- Finish: Bright Acid Tin Plating
- Frequency: To 1 GHz
- One piece body design to eliminate possible ingress/egress of RF
- Impedance 75 ohm nominal



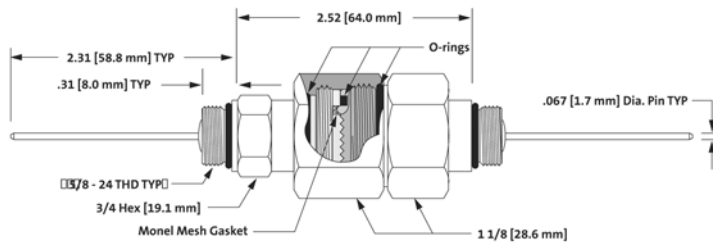
Housing Terminator

GTR-M-T

- Terminates both 60 cycle AC and RF signal
- Highly reliable
- Body manufactured from 6262 aluminum alloy used for maximum corrosion resistance
- Impedance 75 ohm nominal



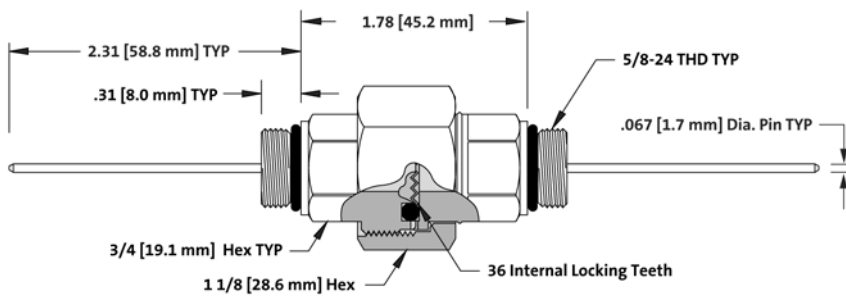
Housing to Housing Adapters



Sealed Locking Rotational

G-KS-KS-MLKG-T

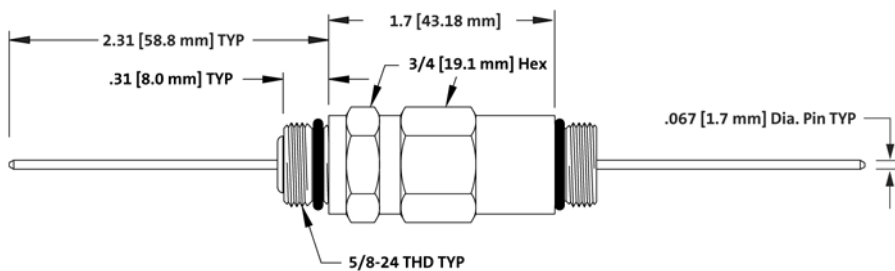
- 36 Rotational Locking Teeth
- Monel Mesh Gasket
- 5 O-rings seals
- Domed Insulators



Locking Rotational

G-KS-KS-MLK-T

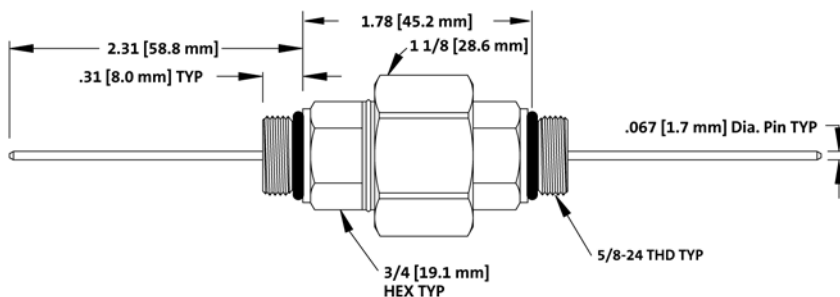
- 36 Rotational Locking Teeth
- Short Overall Length



Rotational

G-KS-KS-M-T

- Short Overall Length



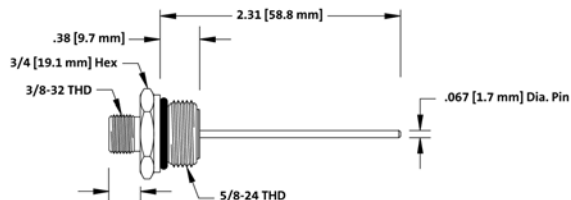
Non-Rotational

G-KS-KS-M-NR-T

KS Male Adapters

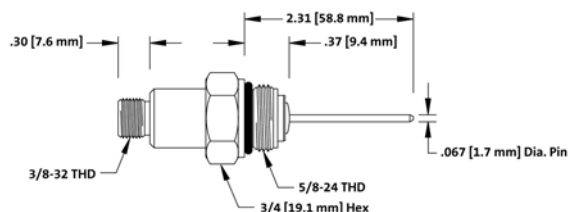
KS Male to "F" Female

- GF-625-CH-S-T .020-.047 Pin accepted



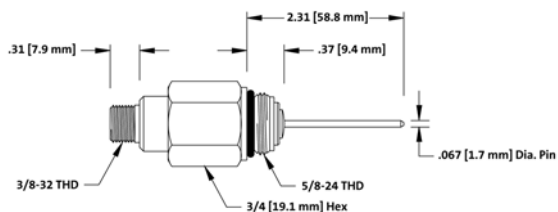
KS Male to "F" Female

- GF-625-CH-T .020-.047 Pin accepted



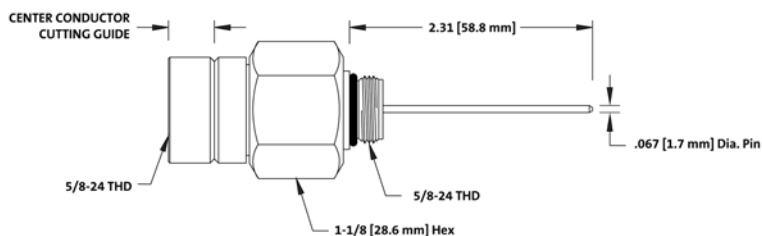
KS Male to "F" Female

- GF-625-CH-DCB-T .020-.047 Pin accepted
60 Hz AC Power Block



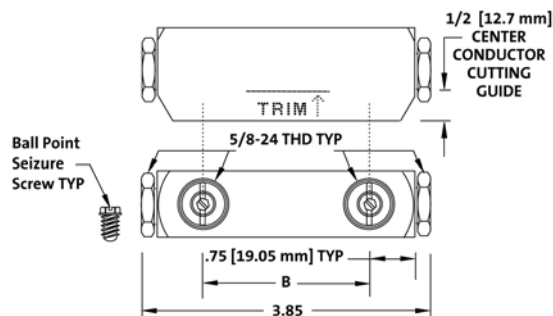
KS Male to KS Female

- G-KSM/KSF-DCB-T .065-.075 Pin accepted
60 Hz AC Power Block



Corning Gilbert: Trunk & Dist.

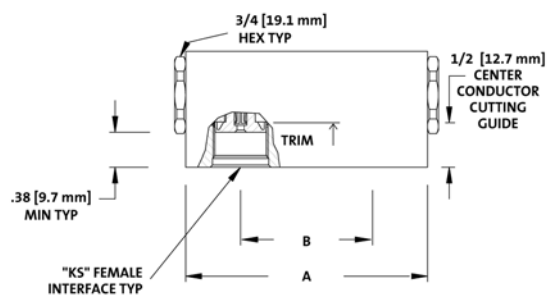
Splice Blocks and Socket Contact Adapters



Splice Block (Screw Contact)

- G-SPB-2.00 (B) = 2.00
- G-SPB-2.75 (B) = 2.75
- G-SPB-2.75-GLU (B) = 2.75

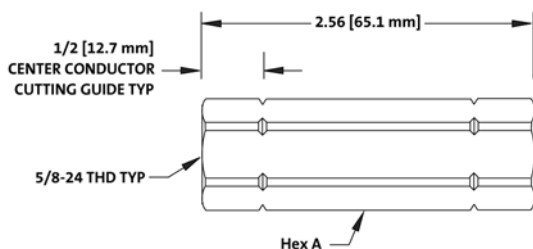
A ball point seizure screw is utilized to eliminate plating damage on the mating pin connector.



Pedestal Splice Block (Socket Contact)

- G-PED-SP-1.50 (A) = 3.35 (B) = 1.50
- G-PED-SP-2.00 (A) = 3.85 (B) = 2.00
- G-PED-SP-2.75 (A) = 4.60 (B) = 2.75

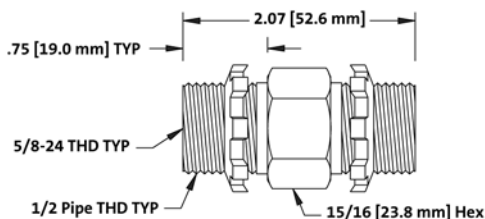
Accepts .065"-0.75" pins



Female Splice (Socket Contact)

- G-KS-KS-FS (A) = 3/4
- G-KS-KS-FSL (A) = 1-1/4

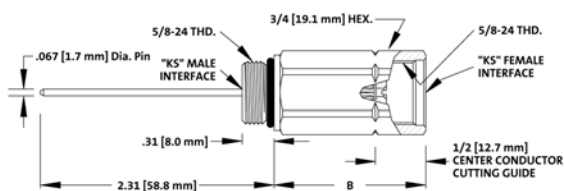
Accepts .065"-0.75" pins



Female Splice (Socket Contact)

- G-KS-KS-FS-EC

Accepts .065"-0.75" pins



Extension Adapter (Socket Contact)

- G-EXT-1.5-SC-T (B) = 1.50
- G-EXT-3-SC-T (B) = 3.00
- G-EXT-4.5-SC-T (B) = 4.50
- G-EXT-6-SC-T (B) = 6.00
- G-EXT-9-SC-T (B) = 9.00

Accepts .065"-0.75" pins

Corning
Gilbert

Heat Shrink

CFTV

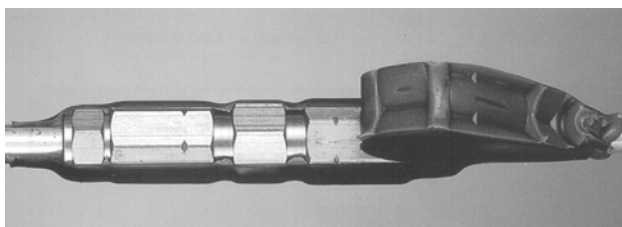
Developed to meet the specific needs of the CATV Industry



Fast, Error-Free Installation



Balanced System



Selective Stripability

Canusa CFTV Provides

- An absolutely waterproof seal and mechanical protection
- Fast and simple installation. Clean and easy connector re-entry

Unique CATV Sealant

- High performance Adhesive developed by Canusa-EMI specifically for the CATV industry

Selective Adhesion

- Selective stripability to meet CATV industry needs
- Strong watertight bond to cable and cable jacket. Yet, strips fast and clean for re-entry to connector or splice

Non-Drip

- Will not drip at end of tube. Yet, flows smoothly to fill all voids

Low Tack

- Will not bond to itself. For easier handling and no waste
- Faster to install and easy to work with

Balanced System

- 3 synchronized components; stripes change color, tubing shrinks and sealant flows simultaneously

Fast Installation

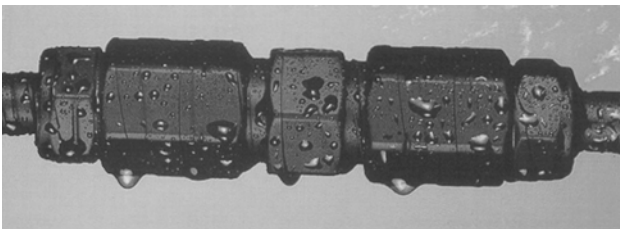
- Minimum heat required to produce error free installation without splitting
- No scorching; no risk of cable damage

Ordering Information

Part Number	Expanded Dia. Min.		Recovered Dimensions				Std. Lengths*	
	Internal Dia. Min.		Internal Dia. Max.		Wall Thickness Nom.			
	in.	mm.	in.	mm.	in.	mm.	in.	mm.
CFTV400	0.40	(10.2)	0.15	(3.8)	.08	(2.0)	48	(1.22)
CFTV750	0.75	(19.0)	0.22	(5.6)	.08	(2.0)	48	(1.22)
CFTV1100	1.10	(27.9)	0.40	(10.2)	.08	(2.0)	48	(1.22)
CFTV1300	1.30	(33.0)	0.40	(10.2)	.08	(2.0)	48	(1.22)
CFTV1500	1.50	(38.1)	0.50	(12.7)	.08	(2.0)	48	(1.22)
CFTV1700	1.70	(43.2)	0.50	(12.7)	.08	(2.0)	48	(1.22)
CFTV2050	2.05	(52.1)	0.75	(19.0)	.08	(2.0)	48	(1.22)
CFTV2750	2.75	(69.8)	1.00	(25.4)	.08	(2.0)	48	(1.22)

Heat Shrink

CTB-15 Self-Amalgamating Tape



CANUSA's CTB-15 is an ethylene propylene rubber based tape possessing excellent moisture and corrosion protection. **CTB-15** tape is self-amalgamating, which when properly installed melds together to create a tight fitting permanent boot of protection. **CTB-15** is an all purpose tape providing superior UV and ozone protection plus low temperature (-55°) flexibility.

- Self-amalgamating
- Outstanding UV and ozone resistant
- Clean stripable
- Easily applied - no tools required
- Excellent cold weather properties
- Insures tight waterproof seal
- No flame/heat required

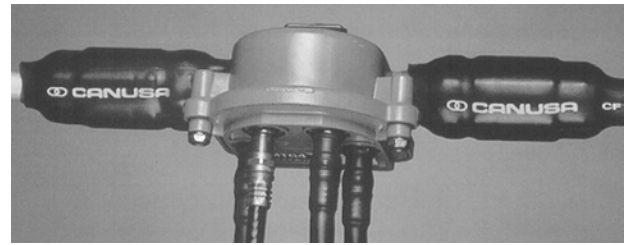
Recommended Uses

- Provides protection where heat/flame is prohibited
- Excellent re-entry protection without interrupting service
- For housing to housing connectors
- For 90 degree connectors

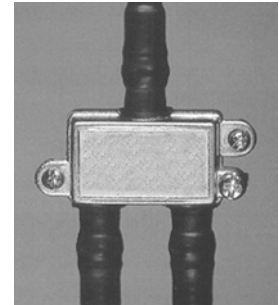
Ordering Information

P/N	Description	Carton Qty.
CTB15	1.5" x 15' Roll	50

Dual Wall Heat Shrinkable Tubing



- Canusa "Drop" Tubing is a flexible, thin wall, heat shrinkable tubing with a meltable inner liner.
- Environmentally Sealed due to specially formulated cross-linked polyolefin tubing that provides excellent U.V. and ozone resistance. A special internal adhesive coating flows during shrinkage for complete encapsulation and total corrosion protection!
- High Shrink Ratio with application of heat. Drop Tubing shrinks to one-third it's supplied diameter (unless otherwise restricted) to accommodate all FConnectors and cables.
- Easy Installation because Drop Tubing's thin wall and meltable adhesive liner are designed to shrink with minimal heat ensuring fast, error-free installation without damage to the cable.



Ordering Information

P/N	Exp. Internal Dia <i>min.</i>	Recovered		
		Internal Dia <i>max.</i>	Total Wall Thickness <i>nom.</i>	Adhesive Thickness <i>nom.</i>
DROP50	0.47 (12.0)	0.16 (4.0)	0.07 (1.75)	.014 (0.35)
DROP75	0.75 (19.0)	0.24 (6.0)	0.09 (2.25)	.016 (0.40)

Heat Shrink

GEL Drop Splice Enclosure

Gel filled closure is a simple, fast and effective method for providing complete environmental protection for Coaxial Drop Splices in burial and aerial applications.

- Single Piece, Clam Shell Design, requires no additional tools for installation
- GEL filled for complete waterproof protection
- Expansion Chambers prevent Gel overflow
- Accommodates a wide range of environmentally sealed Coaxial connectors and cable types including quad shielded cable
- Available in two sizes: CE 596 for 59 and 6 series cable and CE 711 for 7 and 11 series cable
- Fully re-enterable
- Tough outer shell withstands impacts to 5 ft-lbs
- Meets SCTE IPS-TP-013 requirements for water immersion and temperature cycling



Ordering Information

- CE 596
- CE 711

CFTV QuickSeal™

Heat Shrinkable wraparound sleeve with adhesive for complete environmental sealing without the need for disconnection. Ideal for the protection of housing to housing connectors, retrofit protection of exposed connectors, and the repair of damaged cable or fiber.

- Fast and simple installation without interruption of service
- Repair squirrel damaged cable
- Proven CANUSA CFTV adhesive ensures an absolutely waterproof seal
- Selective strippability to meet CATV industry specifications
- Minimal heat required to produce error free installation without splitting
- Thermochromatic lines that change color upon correct shrink temperature
- CFTV QuickSeal™ can be cut to size in field to suit application
- Continuous operating temperature: -55°C to +110°C



Length		Width		Expanded Internal Dia (max)		Recovered Internal Dia (max)		Recovered Wall Thickness (nom)	
in	cm	in	cm	in	mm	in	mm	in	mm
36	90	7	18	1.7	43	0.55	14	0.06	1.5

Ordering Information

- Quickseal 36" strip
- Quickseal Kit 9" strip

Heat Shrink

Heat-Shrinkable Cable Sleeve

Raychem's TCS2 cable sleeve is a crosslinked, heat-shrinkable polyolefin sleeve used for insulating and sealing underground and aerial connections in CATV plant. Such cable connections include splices, trunk amplifiers, line extenders, splitters, directional couplers, and taps. The sleeve is also used in low voltage (600V) electrical power distribution applications.

The TCS2 cable sleeve is precoated with a special Raychem sealant that flows when heated. This sealant is water-insoluble, and will adhere to virtually all substrate surfaces, ensuring an environmental seal and protection against moisture and water penetration. In addition, the sleeve is thermally stable and resistant to ultraviolet light and weathering.

Proper installation is assured because the TCS2 cable sleeve has green thermo-chromic stripes that turn brown when sufficient heat has been applied, signifying adhesive flow and sleeve recovery. The sleeve can be installed in minutes by just one person.

TCS2 cable sleeves are designed so that a few sizes can fit virtually all common cable sizes. Its wide shrinkage range makes it easy to apply where there are large diameter differences between the cable and the connector. Raychem's TCS2 cable sleeve offers reliable, long-term performance as proven by its material properties, system performance, and field tests.

Ordering Information

Description	Min Standard Length		Min. Expanded I.D. as Supplied		Max. Recovered I.D. after heating		Nominal Recovered Wall Thickness	
	Inches	Meters	Inches	Meters	Inches	Meters	Inches	Meters
TCS2-07-48	48	1.22	0.75	19	0.22	5.6	0.08	2.03
TCS2-11/13-48	48	1.22	1.3	33	0.375	9.5	0.08	2.03
TCS2-15/17-48	48	1.22	1.7	43.2	0.5	12.7	0.08	2.03
TCS2-20-48	48	1.22	2	50.8	0.75	19	0.08	2.03
TCS2-27-48	48	1.22	2.7	68.6	0.9	22.9	0.08	2.03



CERTI-SEAL

The CERTI-SEAL coax coupling closure is designed for direct buried splicing of Series 59 and 6 and Series 7 and 11 coaxial cable. Ideal for use as splice protection and demarcation points.

- Economical — Permits quick, low cost repair of damaged cable
- Reliable — Gel-filled construction seals out environment, withstands 14 days immersion without signal degradation; withstands extreme temperatures
- Easy to Install — One-piece housing snaps on over coax connection; no special tools required for installation or repair
- Flexible — Accommodates a variety of cables, including series 59 through 11, coaxial cables, long-body F-81 and sealed connectors
- Compliant — Designed to meet Telcordia specification TR-NWT-000975



Ordering Information

- 569224-1 Closure for Direct Buried Splicing of Series 59 and 6 Coaxial Cables
- 569661-1 Splicing of Series 7 and 11 Coaxial Cables, Long Body F-81 and Sealed Connectors