PWRT-606-S

HELIAX® Remote Radio Head Power Cable, 6 conductor with shield, 6 AWG (13.29 mm2), one Red and one Black conductors with Green Stripe, one Red and one Black conductor with Blue Stripe, one Red and one Black conductor with Orange Stripe

Product Classification

Regional Availability	North America
Portfolio	CommScope®
Product Type	Power cable
Product Brand	HELIAX®
Product Series	PWRT
Ordering Note	CommScope® non-standard product

General Specifications

Cable Type	Power
Conductor Type, singles	Stranded
Conductors, quantity	6
Construction Type	Discrete power cable | Non-armored
Drain Wire Type	Stranded
Ground Wire Type	Stranded
Jacket Color	Black
Jacket Color, singles	Black with co-extruded blue stripe | Black with co-extruded green stripe | Black with co-extruded orange stripe | Red with co-extruded blue stripe | Red with co-extruded green stripe | Red with co-extruded orange stripe
Supported Application	Industrial

Dimensions

Diameter Over Conductor, singles, specific	0.1790 in per 19 strands
Diameter Over Dielectric	6.325 mm | 0.249 in
Diameter Over Drain Wire, specific	2.5700 in per 7 strands

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PWRT-606-S

Diameter Over Ground Wire	3.759 mm | 0.148 in
Diameter Over Jacket, nominal	23.368 mm | 0.92 in
Diameter Over Jacket, maximum	24.511 mm | 0.965 in
Diameter Over Shield (Braid)	19.177 mm | 0.755 in
Jacket Thickness	2.032 mm | 0.08 in
Conductor Gauge, singles	6 AWG
Drain Wire Gauge	12 AWG
Ground Wire Gauge	8 AWG
Outer Shield (Braid) Gauge	34 AWG

Electrical Specifications

Conductor dc Resistance	1.444 ohms/km | 0.44 ohms/kft
Conductor dc Resistance Note	Maximum value based on a standard condition of 20 °C (68 °F)
Safety Voltage Rating	600 V

Material Specifications

Conductor Material	Tinned copper
Dielectric Material	PVC
Drain Wire Material	Tinned copper
Filler Material	Polypropylene
Ground Wire Material	Tinned copper
Insulation Material, singles	PVC
Jacket Material	PVC
Outer Shield (Braid) Coverage	65 %
Outer Shield (Braid) Material	Tinned copper
Outer Shield (Tape) Material	Aluminum/Poly, non-bonded

Environmental Specifications

Operating Temperature	-40 °C to +90 °C (-40 °F to +194 °F)
Environmental Space	UV resistant for outdoor and/or direct burial installations
Safety Standard	NEC Article 336 (Type TC)

Packaging and Weights

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PWRT-606-S

Cable weight	1,324.466 kg/km | 890 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable

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