POWER CABLE 6 X 4G R2 SHLD



HELIAX® REMOTE RADIO HEAD POWER CABLE, 6 CONDUCTOR 4 AWG WITH SHIELD. INCLUDES ONE CONDUCTOR BLACK W/

BLUE STRIPE, , ONE CONDUCTOR BLACK W/ ORANGE STRIPE, ONE CONDUCTOR BLACK W/ GREEN STRIPE, ONE CONDUCTOR RED W/ BLUE STRIPE, ONE CONDUCTOR RED W/ ORANGE STRIPE, ONE CONDUCTOR RED W/ GREEN STRIPE

Product Classification

 Regional Availability
 North America

 Product Type
 Power cable

 Product Brand
 HELIAX®

 Product Series
 PWRT

Ordering Note ANDREW® non-standard product

General Specifications

Cable TypePowerConductor Type, singlesStranded

Conductors, quantity 6

Construction Type Discrete power cable | Non-armored

Drain Wire TypeStrandedGround Wire TypeStrandedJacket ColorBlack

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, specific0.2043 in per 1 strandDiameter Over Dielectric28.8 mm | 1.134 in

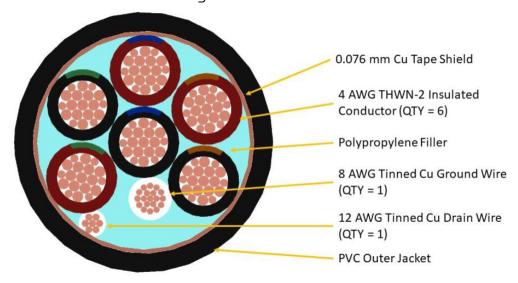


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Diameter Over Drain Wire, specific0.0808 in per 7 strandsDiameter Over Ground Wire3.264 mm | 0.128 inDiameter Over Jacket, nominal28.778 mm | 1.133 inDiameter Over Jacket, maximum29.81 mm | 1.174 inDiameter Over Shield27.762 mm | 1.093 inJacket Thickness2.032 mm | 0.08 in

Conductor Gauge, singles4 AWGDrain Wire Gauge12 AWGGround Wire Gauge8 AWG

Cross Section Drawing



Electrical Specifications

Conductor dc Resistance 0.883 ohms/km | 0.269 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 MaterialTinned copperFiller MaterialPolypropyleneGround Wire MaterialTinned copper

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Insulation Material, singles PVC

Jacket Material PVC

Outer Shield (Braid) Coverage 20 %

Outer Shield (Tape) Material Bare copper tape

Environmental Specifications

Operating Temperature $-40 \,^{\circ}\text{C} \text{ to } +90 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +194 \,^{\circ}\text{F})$

Environmental SpaceUV resistant for outdoor and/or direct burial installations

Safety Standard NEC Article 336 (Type TC)

Packaging and Weights

Cable weight 1,860.205 kg/km | 1250 lb/kft

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

