

PWRT-604-R2



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
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

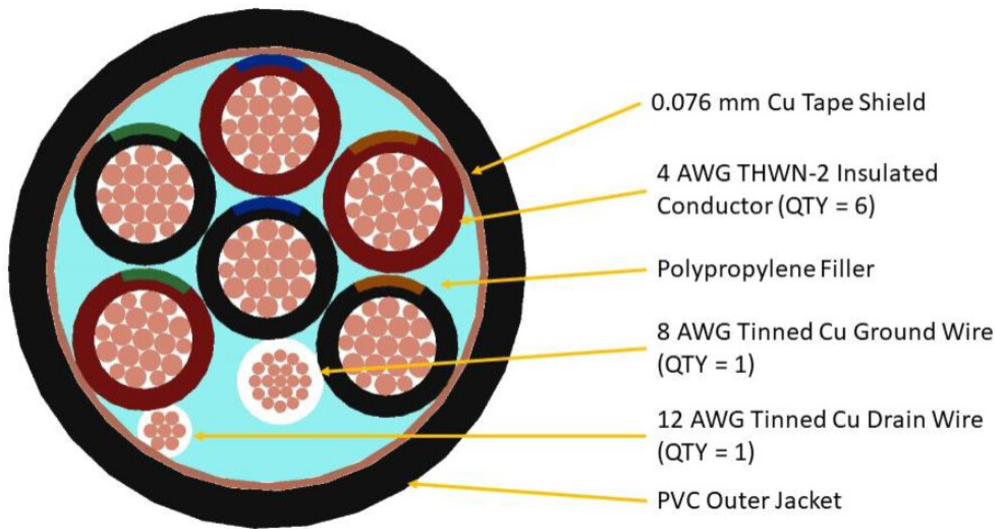
Dimensions

Diameter Over Conductor, singles, specific	0.2043 in per 1 strand
Diameter Over Dielectric	28.8 mm 1.134 in
Diameter Over Drain Wire, specific	0.0808 in per 7 strands
Diameter Over Ground Wire	3.264 mm 0.128 in

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Diameter Over Jacket, nominal	28.778 mm 1.133 in
Diameter Over Jacket, maximum	29.81 mm 1.174 in
Diameter Over Shield	27.762 mm 1.093 in
Jacket Thickness	2.032 mm 0.08 in
Conductor Gauge, singles	4 AWG
Drain Wire Gauge	12 AWG
Ground Wire Gauge	8 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 Material	Tinned copper
Filler Material	Polypropylene
Ground Wire Material	Tinned copper
Insulation Material, singles	PVC
Jacket Material	PVC

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Outer Shield (Braid) Coverage	20 %
Outer Shield (Tape) Material	Bare copper tape

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

Cable weight	1,860.205 kg/km 1250 lb/kft
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* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable