PWRT-208-LI

HELIAX® Remote Radio Head Power Cable,2 conductor with shield, 8 AWG (8.37 mm2)

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	2
Construction Type	Discrete power cable | Non-armored
Jacket Color	Black
Jacket Color, singles	Red
Supported Application	Industrial

Dimensions

Diameter Over Conductor, singles, specific	0.1420 in per 19 strands | 0.1420 in per 19 strands | 0.1570 in per 168 strands | 1.55 mm per 30 strands
Diameter Over Dielectric	6.147 mm | 0.242 in
Diameter Over Jacket, nominal	11.506 mm | 0.453 in
Diameter Over Jacket, maximum	11.684 mm | 0.46 in
Diameter Over Shield (Braid)	8.89 mm | 0.35 in
Jacket Thickness	1.194 mm | 0.047 in
Conductor Gauge, singles	8 AWG
Outer Shield (Braid) Gauge	36 AWG

Cross Section Drawing

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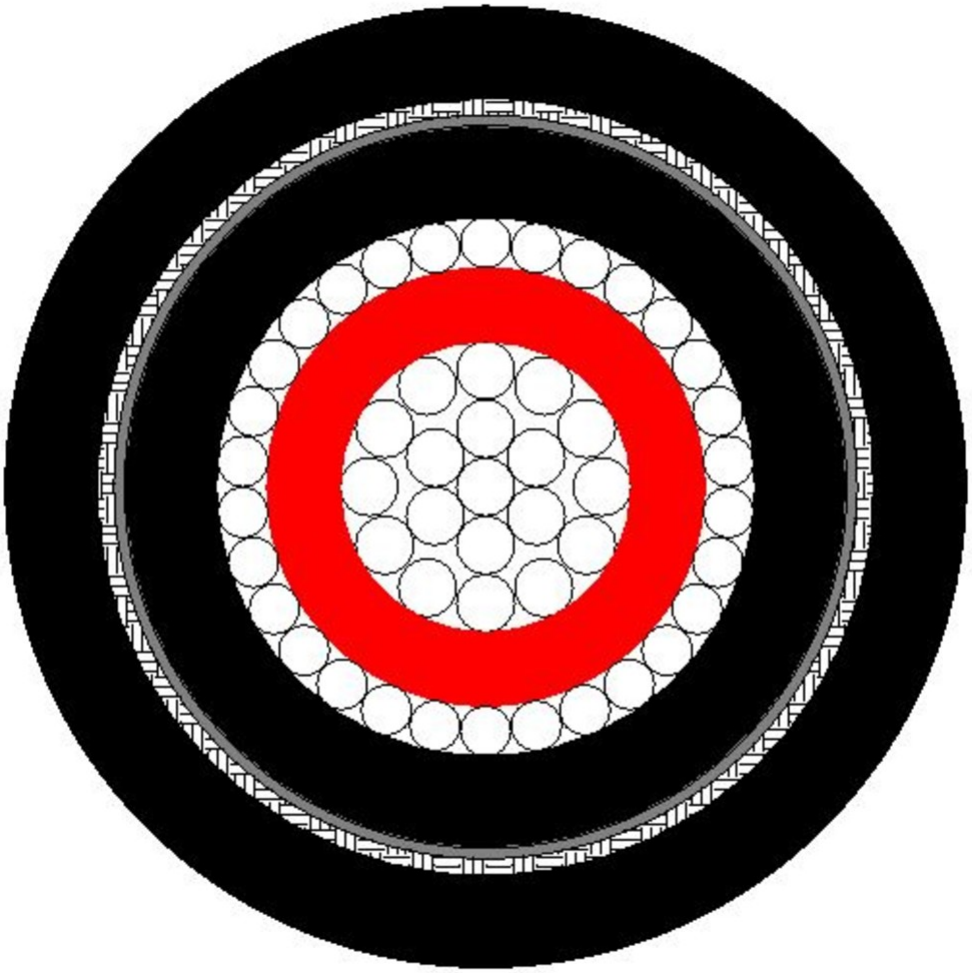

Electrical Specifications

Conductor dc Resistance	2.231 ohms/km | 0.68 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

Dielectric Material	PVC
Ground Wire Material	Tinned copper
Insulation Material, singles	PVC
Jacket Material	PVC
Outer Shield (Braid) Coverage	65 %
Outer Shield (Braid) Material	Tinned copper

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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

Cable weight	312.514 kg/km | 210 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

* Footnotes

Operating Temperature	Specification applicable to non-terminated bulk fiber cable

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