

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

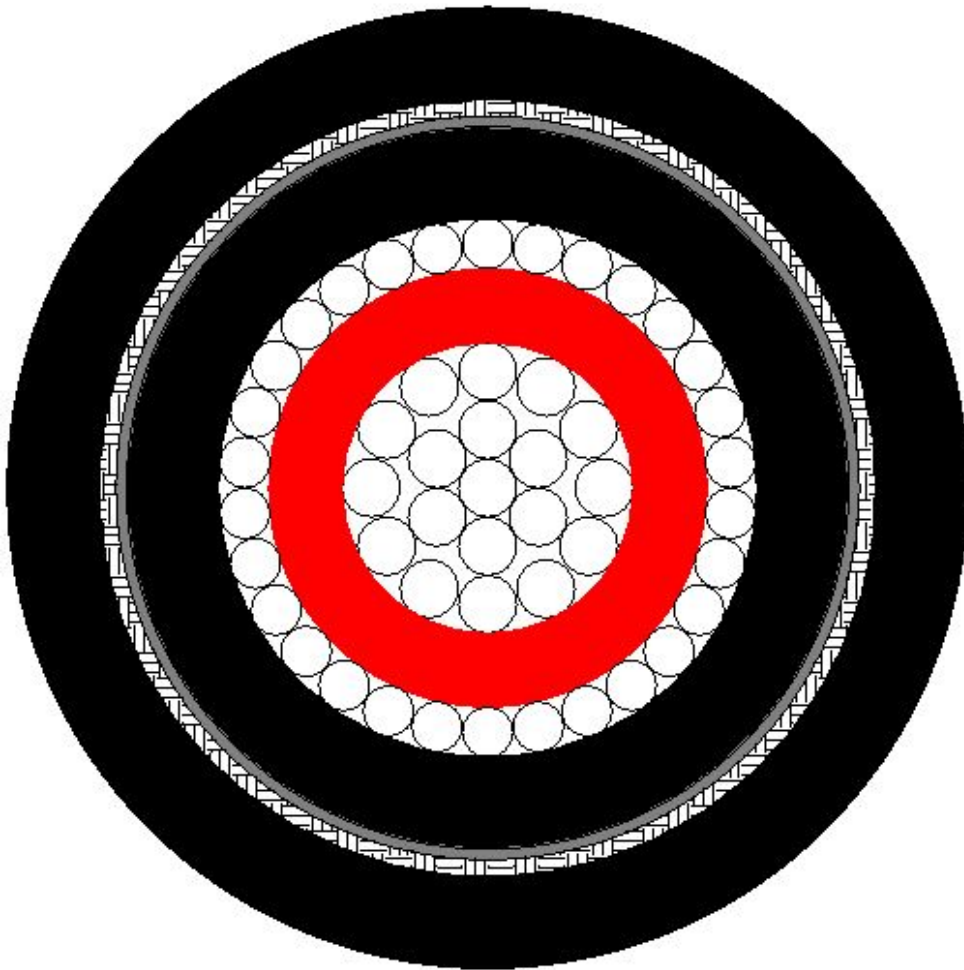
General Specifications

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



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

PWRT-208-LI

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
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable