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 TypePowerConductor Type, singlesStranded

Conductors, quantity 2

Construction Type Discrete power cable | Non-armored

Jacket ColorBlackJacket Color, singlesRedSupported ApplicationIndustrial

Dimensions

Diameter Over Conductor, singles, specific0.1420 in per 19 strands | 0.1420 in per 19 strands | 0.1

strands | 1.55 mm per 30 strands

Diameter Over Dielectric6.147 mm | 0.242 inDiameter Over Jacket, nominal11.506 mm | 0.453 inDiameter Over Jacket, maximum11.684 mm | 0.46 inDiameter Over Shield (Braid)8.89 mm | 0.35 in

Jacket Thickness 1.194 mm | 0.047 in

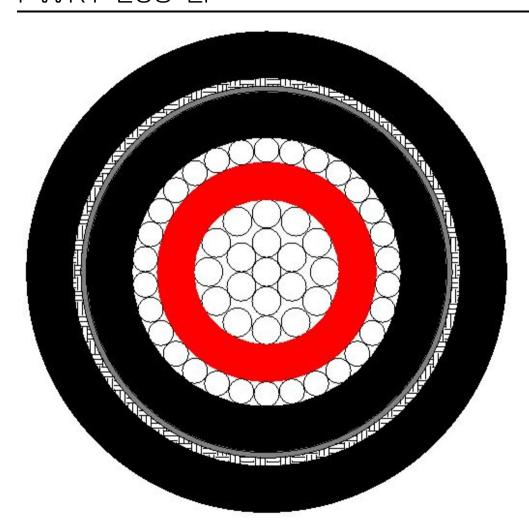
Conductor Gauge, singles 8 AWG

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

COMMSCOPE®

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Outer Shield (Tape) Material

Aluminum/Poly, non-bonded

Environmental Specifications

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

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

