

# PWRT-208-LI

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HELIAX® Remote Radio Head Power Cable, 2 conductor with shield, 8 AWG (8.37 mm<sup>2</sup>)

## Product Classification

<b>Regional Availability</b>	North America
<b>Portfolio</b>	CommScope®
<b>Product Brand</b>	FiberFeed®   HELIAX®
<b>Product Series</b>	PWRT
<b>Ordering Note</b>	CommScope® non-standard product

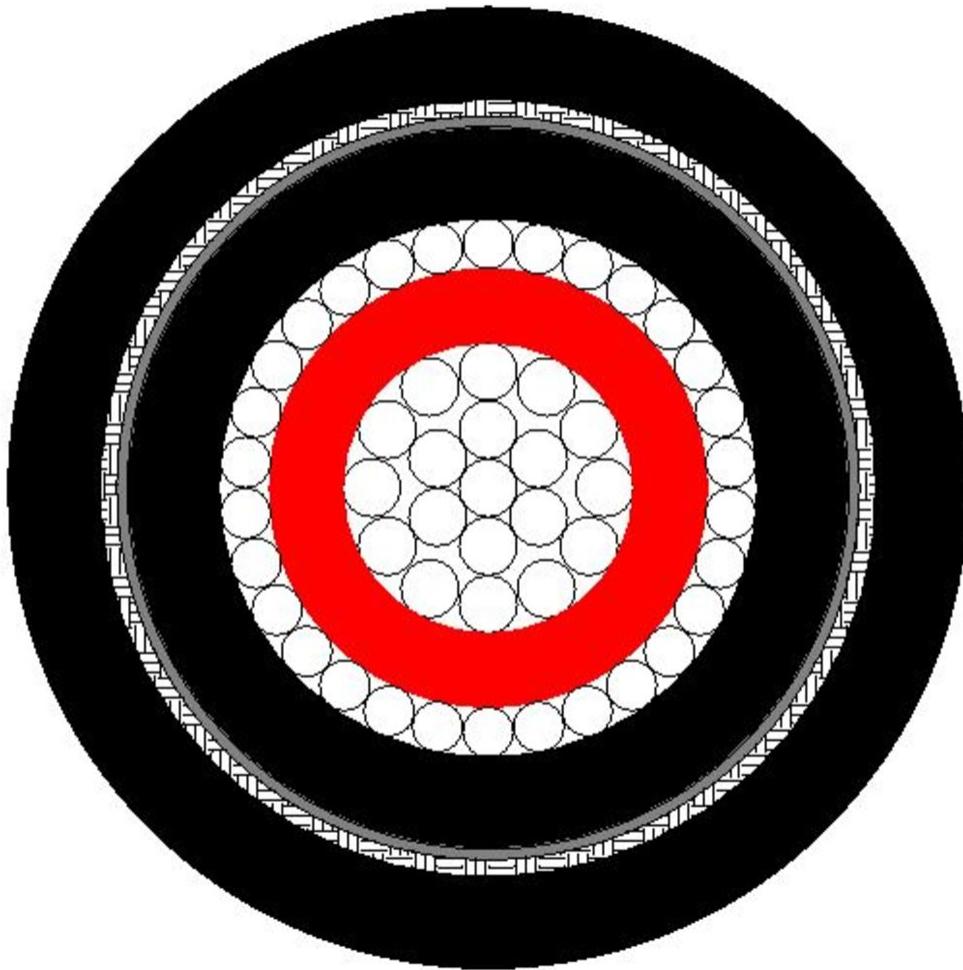
## General Specifications

<b>Cable Type</b>	Power
<b>Conductor Type, singles</b>	Stranded
<b>Conductors, quantity</b>	2
<b>Construction Type</b>	Discrete power cable   Non-armored
<b>Jacket Color</b>	Black
<b>Jacket Color, singles</b>	Red
<b>Supported Application</b>	Industrial

## Dimensions

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

## Cross Section Drawing



## Electrical Specifications

**Conductor dc Resistance**

0.68 ohms/kft | 2.231 ohms/km

**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** 210 lb/kft | 312.514 kg/km

## Regulatory Compliance/Certifications

### Agency

CHINA-ROHS

### Classification

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](http://www.commscope.com/ProductCompliance)

ROHS

Compliant



## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable