

# PWRT-606-S



HELIAX® Remote Radio Head Power Cable, 6 conductor with shield, 6 AWG (13.29 mm<sup>2</sup>), one Red and one Black conductors with Green Stripe, one Red and one Black conductor with Blue Stripe, one Red and one Black conductor with Orange Stripe

## Product Classification

Regional Availability	North America
Portfolio	CommScope®
Product Brand	FiberFeed®   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	0.1790 in per 19 strands
Diameter Over Dielectric	6.325 mm   0.249 in
Diameter Over Drain Wire, specific	2.5700 in per 7 strands
Diameter Over Ground Wire	3.759 mm   0.148 in

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<b>Diameter Over Jacket, nominal</b>	23.368 mm   0.92 in
<b>Diameter Over Shield (Braid)</b>	19.177 mm   0.755 in
<b>Jacket Thickness</b>	2.032 mm   0.08 in
<b>Conductor Gauge, singles</b>	6 AWG
<b>Drain Wire Gauge</b>	12 AWG
<b>Ground Wire Gauge</b>	8 AWG
<b>Outer Shield (Braid) Gauge</b>	34 AWG

## Electrical Specifications

<b>Conductor dc Resistance</b>	1.444 ohms/km   0.44 ohms/kft
<b>Conductor dc Resistance Note</b>	Maximum value based on a standard condition of 20 °C (68 °F)
<b>Safety Voltage Rating</b>	600 V

## Material Specifications

<b>Conductor Material</b>	Tinned copper
<b>Dielectric Material</b>	PVC
<b>Drain Wire Material</b>	Tinned copper
<b>Filler Material</b>	Polypropylene
<b>Ground Wire Material</b>	Tinned copper
<b>Insulation Material, singles</b>	PVC
<b>Jacket Material</b>	PVC
<b>Outer Shield (Braid) Coverage</b>	65 %
<b>Outer Shield (Braid) Material</b>	Tinned copper
<b>Outer Shield (Tape) Material</b>	Aluminum/Poly, non-bonded

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +90 °C (-40 °F to +194 °F)
<b>Environmental Space</b>	UV resistant for outdoor and/or direct burial installations
<b>Safety Standard</b>	NEC Article 336 (Type TC)

## Packaging and Weights

<b>Cable weight</b>	1,324.466 kg/km   890 lb/kft
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## Regulatory Compliance/Certifications

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**Agency**

ISO 9001:2015



**Classification**

Designed, manufactured and/or distributed under this quality management system

\* Footnotes

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