



## PWRT-606-S

**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

Portfolio	CommScope®
Product Series	PWRT
Regional Availability	North America

### General Specifications

Ordering Note	CommScope® non-standard product
---------------	---------------------------------

### Construction Materials

Construction Type	Non-armored
Conductor Material	Tinned copper
Dielectric Material	PVC
Drain Wire Material	Tinned copper
Filler Material	Polypropylene
Ground Wire Material	Tinned copper
Insulation Material, singles	PVC
Jacket Material	PVC
Outer Shield (Braid) Coverage	65 %
Outer Shield (Braid) Gauge	34 AWG
Outer Shield (Braid) Material	Tinned copper
Outer Shield (Tape) Material	Aluminum/Poly, non-bonded

### Dimensions

Cable Weight	0.89 lb/kft
Diameter Over Conductor, singles	4.5466 mm per 19 strand 0.1790 in per 19 strand
Diameter Over Dielectric	6.3246 mm   0.2490 in
Diameter Over Drain Wire	2.5700 mm per 7 strand 0.1012 in per 7 strand
Diameter Over Ground Wire	3.759 mm   0.148 in
Diameter Over Jacket	23.368 mm   0.920 in
Diameter Over Shield (Braid)	19.177 mm   0.755 in
Jacket Thickness	2.032 mm   0.080 in

### Electrical Specifications

Conductor dc Resistance	0.44 ohms/kft   1.43 ohms/km
Conductor dc Resistance Note	Maximum value based on a standard condition of 20 °C (68 °F)
Safety Voltage Rating	600 V

### Environmental Specifications

Environmental Space	UV resistant for outdoor and/or direct burial installations
---------------------	---

PWRT-606-S

Operating Temperature	-40 °C to +90 °C (-40 °F to +194 °F)
Safety Standard	NEC Article 336 (Type TC)

## General Specifications

Application	Industrial
Cable Type	Power
Jacket Color	Black
Conductor Gauge, singles	6 AWG
Conductor Type, singles	Stranded
Conductors, quantity	6
Construction Type	Discrete power cable
Drain Wire Gauge	12 AWG
Drain Wire Type	Stranded
Ground Wire Gauge	8 AWG
Ground Wire Type	Stranded
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

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system