

PWRT-208-SH

Remote Radio Head Power Cable, 2 conductor with shield, 8 AWG (8.37 mm²), one Blue Conductor and one Black Conductor



Product Classification

Regional Availability	North America
Portfolio	CommScope®
Product Type	Power cable
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	Black Blue
Supported Application	Industrial

Dimensions

Diameter Over Conductor, singles, specific	0.1570 in per 168 strands
Diameter Over Dielectric	18.339 mm 0.722 in
Diameter Over Jacket, nominal	14.326 mm 0.564 in
Jacket Thickness	1.473 mm 0.058 in
Conductor Gauge, singles	8 AWG
Outer Shield (Braid) Gauge	36 AWG

Electrical Specifications

Conductor dc Resistance	2.198 ohms/km 0.67 ohms/kft 5.512 ohms/km 1.68 ohms/kft
Conductor dc Resistance Note	Maximum value based on a standard condition of 20 °C (68 °F)
Safety Voltage Rating	600 V

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Material Specifications

Conductor Material	Tinned copper
Dielectric Material	PVC
Insulation Material, singles	PVC
Jacket Material	PVC
Outer Shield (Braid) Coverage	85 %
Outer Shield (Braid) Material	Tinned copper

Environmental Specifications

Operating Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
Environmental Space	UV resistant for outdoor and/or direct burial installations
Safety Standard	NEC Article 336 (Type TC)

Packaging and Weights

Cable weight	431.568 kg/km 290 lb/kft
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Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable