

PWRT-210-SN

HELIAX® Remote Radio Head Power Cable, 2 conductor with shield, 10 AWG (5.26 mm²), one Blue Conductor and one Black Conductor



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

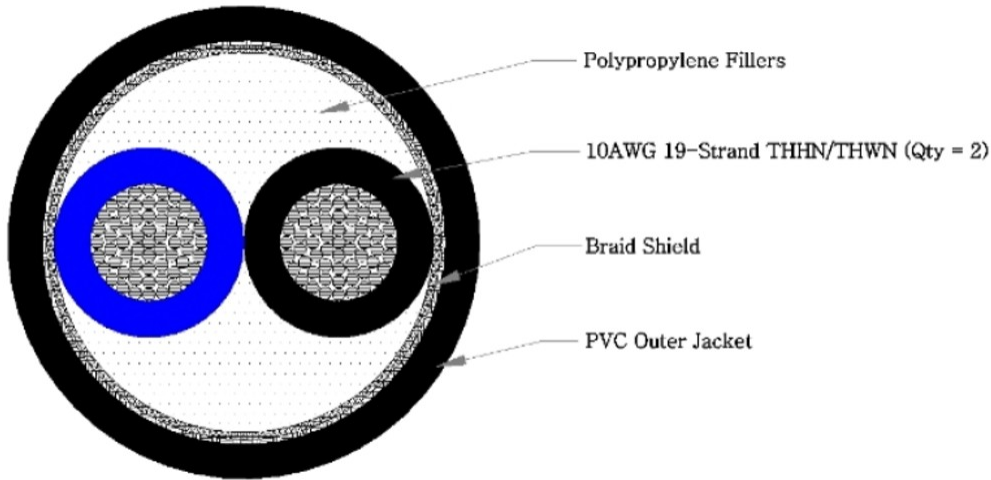
Cable Type	Power
Conductor Type, singles	Stranded
Conductors, quantity	2
Construction Type	Discrete power cable Non-armored
Jacket Color	Black
Jacket Color, singles	Black Blue
Supported Application	Industrial

Dimensions

Diameter Over Conductor, singles, specific	0.1260 in per 105 strands
Diameter Over Dielectric	4.724 mm 0.186 in
Diameter Over Jacket, nominal	11.938 mm 0.47 in
Diameter Over Shield (Braid)	9.855 mm 0.388 in
Jacket Thickness	1.143 mm 0.045 in
Conductor Gauge, singles	10 AWG
Outer Shield (Braid) Gauge	36 AWG

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Cross Section Drawing



Electrical Specifications

Conductor dc Resistance	3.478 ohms/km 1.06 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

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	85 %
Outer Shield (Braid) Material	Tinned copper
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

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Safety Standard NEC Article 336 (Type TC)

Packaging and Weights

Cable weight 297.633 kg/km | 200 lb/kft

Packaging Type CommPak® box

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant
UK-ROHS	Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable