Remote Radio Head Power Cable, 2 conductor with shield, 12 AWG (3.31 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: 0.1010 in per 65 strands
Diameter Over Dielectric: 2.362 mm  |  0.093 in
Diameter Over Jacket, nominal: 10.008 mm  |  0.394 in
Jacket Thickness: 0.813 mm  |  0.032 in
Conductor Gauge, singles: 12 AWG
Outer Shield (Braid) Gauge: 36 AWG

Electrical Specifications

2.198 ohms/km  |  0.67 ohms/kft  |  5.512 ohms/km  |  1.68 ohms/kft
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

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 | 163.698 kg/km | 110 lb/kft

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