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

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: 431.568 kg/km | 290 lb/kft

Regulatory Compliance/Certifications

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

* Footnotes

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