HELIAX® Remote Radio Head Power Cable, 6 conductor with shield, 6 AWG (13.29 mm²), 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

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
6

Construction Type
Discrete power cable | Non-armored

Drain Wire Type
Stranded

Ground Wire Type
Stranded

Jacket Color
Black

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

Supported Application
Industrial

Dimensions

Diameter Over Conductor, singles, specific
0.1790 in per 19 strands

Diameter Over Dielectric
6.325 mm | 0.249 in

Diameter Over Drain Wire, specific
2.5700 in per 7 strands
PWRT-606-S

Diameter Over Ground Wire | 3.759 mm  | 0.148 in
Diameter Over Jacket, nominal | 23.368 mm  | 0.92 in
Diameter Over Jacket, maximum | 24.511 mm  | 0.965 in
Diameter Over Shield (Braid) | 19.177 mm  | 0.755 in
Jacket Thickness | 2.032 mm  | 0.08 in
Conductor Gauge, singles | 6 AWG
Drain Wire Gauge | 12 AWG
Ground Wire Gauge | 8 AWG
Outer Shield (Braid) Gauge | 34 AWG

Electrical Specifications

Conductor dc Resistance | 1.444 ohms/km  | 0.44 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 | 65 %
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
Safety Standard | NEC Article 336 (Type TC)

Packaging and Weights

1,324.466 kg/km  | 890 lb/kft
Cable weight

1,324.466 kg/km  |  890 lb/kft

Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
</tr>
</tbody>
</table>

* Footnotes

Operating Temperature  Specification applicable to non-terminated bulk fiber cable