HELIAX® Power cable, with aluminum shield with quantity, 2x25 mm² cores, flame resistant CPR Class B2ca s1, d2, a1 rated, 500 meters

- Available with different colors on demand

Product Classification

Regional Availability: Europe
Portfolio: CommScope®
Product Type: Power cable
Product Brand: HELIAX®
Ordering Note: CommScope® non-standard product
Warranty: For more information, please consult our Product Warranty guidelines

General Specifications

Application: Remote radio head
Cable Type: Power
Conductor Type, singles: Stranded
Conductors, quantity: 2
Jacket Color: Black
Jacket Color, singles: Blue | Brown

Dimensions

Cable Length: 500.024 m | 1,640.5 ft
Diameter Over Jacket: 15.977 mm | 0.629 in
Conductor Gauge: 25 mm²

Cross Section Drawing
Electrical Specifications

**Safety Voltage Rating**

600 V

Ordering Tree

Material Specifications
### MPT-A2D-BB-NN-500M

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Conductor Material</strong></td>
<td>Tinned copper</td>
</tr>
<tr>
<td><strong>Ground Wire Material</strong></td>
<td>Annealed aluminum wires</td>
</tr>
<tr>
<td><strong>Insulation Material, singles</strong></td>
<td>Flame retardant PE</td>
</tr>
<tr>
<td><strong>Jacket Material</strong></td>
<td>Flame retardant PE</td>
</tr>
<tr>
<td><strong>Outer Shield (Braid) Coverage</strong></td>
<td>100 %</td>
</tr>
<tr>
<td><strong>Outer Shield (Tape) Material</strong></td>
<td>Al/PET tape</td>
</tr>
</tbody>
</table>

### Environmental Specifications

- **Installation temperature**: -20 °C to +70 °C (-4 °F to +158 °F)
- **Operating Temperature**: -40 °C to +90 °C (-40 °F to +194 °F)
- **Storage Temperature**: -40 °C to +80 °C (-40 °F to +176 °F)
- **Environmental Space**: Indoor/Outdoor
- **Jacket UV Resistance**: UV stabilized

### Packaging and Weights

- **Cable weight**: 579.027 kg/km | 389.088 lb/kft

### * Footnotes

- **Warranty**: For more information, please consult our Product Warranty guidelines
- **Operating Temperature**: Specification applicable to non-terminated bulk fiber cable