HELIAX® Power cable, with aluminum shield with quantity, 2x50 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**  
27.381 mm | 1.078 in

**Conductor Gauge**  
50 mm²

### Cross Section Drawing
Electrical Specifications

**Safety Voltage Rating**

600 V

Ordering Tree

Material Specifications
<table>
<thead>
<tr>
<th>Ground Wire Material</th>
<th>Annealed aluminum wires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insulation Material, singles</td>
<td>Flame retardant PE</td>
</tr>
<tr>
<td>Jacket Material</td>
<td>Flame retardant PE</td>
</tr>
<tr>
<td>Outer Shield (Braid) Coverage</td>
<td>100 %</td>
</tr>
<tr>
<td>Outer Shield (Tape) Material</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**: 1,213.056 kg/km | 815.136 lb/kft

*Footnotes*

**Warranty**

For more information, please consult our Product Warranty guidelines

**Operating Temperature**

Specification applicable to non-terminated bulk fiber cable