Hybrid Ultra Low Loss (ULL) Singlemode G.657.A2 MPO8 (Pinned) to MPO8 (Pinned) , 2 Pair 16AWG Constellation Trunk Cable Assembly, 8-Fiber, Plenum

Product Classification

Regional Availability
- Asia
- Australia/New Zealand
- China
- Europe
- India
- Latin America
- Middle East/Africa
- North America

Portfolio
CommScope®

Product Type
Hybrid cable assembly | 2-pair

Product Brand
SYSTIMAX ULL

Ordering Note
For additional jacket colors, please contact a CommScope Sales Representative | For lengths greater than 999 ft (304 m), orders must be in meters | Minimum length may vary based on cable configuration

General Specifications

Conductor Capacitance
- 75.459 pF/m | 23 pF/ft

Conductor Resistance
- 14.698 ohms/km | 4.48 ohms/kft

Conductor Type
- 16 AWG | Stranded

Conductors, quantity
- 8

Conductor Pairs, quantity
- 2

Connector A, quantity
- 1

Color, boot A
- Gray

Color, connector A
- Green

Connector B, quantity
- 1

Color, boot B
- Gray

Color, connector B
- Green

Construction Type
- Hybrid standard trunk

Furcation Color
- Yellow

Interface, Connector A
- MPO-08/APC Male

Interface, Connector B
- MPO-08/APC Male

Jacket Color
- Yellow

Polarity
- Method B Enhanced (ULL)
Fibers per Subunit, quantity 8
Total Fibers, quantity 8

Dimensions
Breakout Length 24 in | 72 in
Cable Assembly Length Range (m) 10 – 999
Cable Assembly Length Range (ft) 33 – 999

Dimension Drawing

Ordering Tree

Mechanical Specifications
Cable Retention Strength, maximum 11.24 lb @ 0 ° | 4.40 lb @ 90 °
Optical Specifications

<table>
<thead>
<tr>
<th>Fiber Mode</th>
<th>Singlemode</th>
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<tbody>
<tr>
<td>Fiber Type</td>
<td>G.657.A2, TeraSPEED®</td>
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</table>

Environmental Specifications

<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>-10 °C to +60 °C (+14 °F to +140 °F)</th>
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<tbody>
<tr>
<td>Environmental Space</td>
<td>Indoor</td>
</tr>
<tr>
<td>Qualification Standards</td>
<td>GR-3108 class 4</td>
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Included Products

- 860659022 - MPO-08, ULTRA LOW LOSS, MALE, Singlemode, GREEN, 2mm