AGGMPMPCG

Base Product



Ultra Low Loss ULL TeraSPEED® MPO(Unpinned) to MPO(Unpinned) Pre-terminated Trunk Cable, MPO12, 36-Fiber, Plenum, 12 fiber PmP 2.0 mm Dca, Method A

Product Classification

| Regional Availability | Asia Australia/New Zealand Europe Latin America Middle East/Africa North America |
|------------------------|--|
| Portfolio | CommScope® |
| Product Type | Fiber trunk cable assembly |
| 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 | |
| Color, boot A | Black |
| Color, connector A | Green |
| Color, boot B | Black |
| Color, connector B | Green |

| | DIACK |
|------------------------------|-------------------|
| Color, connector B | Green |
| Construction Type | Stranded |
| Furcation Color | Yellow |
| Interface, Connector A | MPO-12/APC Female |
| Interface, Connector B | MPO-12/APC Female |
| Jacket Color | Yellow |
| Polarity | Method A |
| Fibers per Subunit, quantity | 12 |
| Total Fibers, quantity | 36 |
| Dimensions | |
| Breakout Length | 33 in |

| Breakout Length | 33 in |
|----------------------------------|----------|
| Cable Assembly Length Range (m) | 3 – 999 |
| Cable Assembly Length Range (ft) | 10 - 999 |

Page 1 of 8

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Ordering Tree

| | | BASE C | | Ŀ | · |
|--------------|--------|--------|--|---|-------|
| • | | _ | | | |
| Jacket Color | | | Breakout Length / Option | | ength |
| J | Yellow | A | 33 inch breakout, no gland | | |
| | | В | 33 inch breakout, with gland | | |
| | | С | 33 inch breakout, with pulling grip | | |
| | | J | Propel, 23 inch breakout, with cable management clip, no pulling grip | | UOM |
| | | к | Propel, 23 inch breakout, with cable management clip, with pulling grip | F | Feet |
| | | 1 | 33/60 inch breakout, no gland | М | Meter |
| | | 2 | 33/60 inch breakout, with gland on side A | | |
| | | 3 | 33/60 inch breakout, with pulling grip and gland on side A | | |
| | | 4 | 33/120 inch breakout, no gland | | |
| | | 5 | 33/120 inch breakout, with gland on side A | | |
| | | 6 | 33/120 inch breakout, with pulling grip and gland on side A | | |
| | | Т | 33 inch breakout, with gland on side A | | |
| | | U | 33 inch breakout, with pulling grip and gland on side A | | |
| | | V | 60 inch breakout, no gland | | |
| | | w | 60 inch breakout, with pulling grip | | |
| | | Р | 120 inch breakout, no gland | | |
| | | Q | 120 inch breakout, with pulling grip | | |

Optical Specifications

Fiber Mode

Fiber Type

Singlemode G.657.A2, TeraSPEED®

Environmental Specifications

| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
|--|--------------------------------------|
| EN50575 CPR Cable EuroClass Fire Performance | Dca |
| Environmental Space | Indoor Plenum |

Regulatory Compliance/Certifications

Page 2 of 8

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| Agency | Classification |
|---------------|--|
| ANATEL | Compliant |
| CHINA-ROHS | Above maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant/Exempted |
| UK-ROHS | Compliant/Exempted |
| | |

Included Products

| 760242053 P-036-MP-8G-F12YL/20T | |
|------------------------------------|--|
| 860659016 | |

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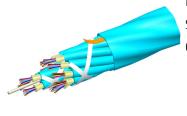
- Fiber indoor cable, Plenum MPO Trunk, 36 fiber multi-unit with 12 fiber subunits, Singlemode G. 657.A2/B2, Feet jacket marking, Yellow jacket color
- MP012, ULL, FEMALE, SM, GREEN, 2MM

Page 3 of 8

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760242053 | P-036-MP-8G-F12YL/20T



Fiber indoor cable, Plenum MPO Trunk, 36 fiber multi-unit with 12 fiber subunits, Singlemode G.657.A2/B2, Feet jacket marking, Yellow jacket color

Product Classification

| Regional Availability | Asia Australia/New Zealand Latin America Middle East /Africa North America |
|------------------------------|---|
| Portfolio | CommScope® |
| Product Type | Fiber indoor cable |
| Product Series | P-MP |
| General Specifications | |
| Cable Type | MPO trunk cable |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Filler, quantity | 1 |
| Jacket Color | Yellow |
| Jacket Marking | Feet |
| Subunit, quantity | 3 |
| Fibers per Subunit, quantity | 12 |
| Total Fiber Count | 36 |
| Dimensions | |
| Buffer Tube/Subunit Diameter | 2 mm 0.079 in |
| Diameter Over Jacket | 7.7 mm 0.303 in |
| | |

Representative Image

Page 4 of 8

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760242053 | P-036-MP-8G-F12YL/20T



Mechanical Specifications

| Minimum Bend Radius, loaded | 116 mm 4.567 in |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, unloaded | 77 mm 3.031 in |
| Tensile Load, long term, maximum | 200 N 44.962 lbf |
| Tensile Load, short term, maximum | 667 N 149.948 lbf |
| Compression | 10 N/mm 57.101 lb/in |
| Compression Test Method | FOTP-41 IEC 60794-1 E3 |
| Flex | 300 cycles |
| Flex Test Method | FOTP-104 IEC 60794-1 E6 |
| Impact | 0.74 N-m 6.55 in lb |
| Impact Test Method | FOTP-25 IEC 60794-1 E4 |
| Strain | See long and short term tensile loads |
| Strain Test Method | FOTP-33 IEC 60794-1 E1 |
| Twist | 10 cycles |
| Twist Test Method | FOTP-85 IEC 60794-1 E7 |
| Vertical Rise, maximum | 320 m 1,049.869 ft |
| Optical Specifications | |

Fiber Type

Environmental Specifications

| Installation temperature | 0 °C to +70 °C (+32 °F to +158 °F) |
|--------------------------|--------------------------------------|
| Operating Temperature | 0 °C to +70 °C (+32 °F to +158 °F) |
| Storage Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |

Page 5 of 8

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G.657.A2/B2 | G.657.A2/B2

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760242053 | P-036-MP-8G-F12YL/20T

| Cable Qualification Standards | ANSI/ICEA S-83-596 Telcordia GR-409 | |
|-------------------------------|---------------------------------------|--|
| Environmental Space | Plenum | |
| Flame Test Listing | NEC OFNP (ETL) and c(ETL) | |
| Flame Test Method | NFPA 130 NFPA 262 | |

Environmental Test Specifications

| Heat Age | 0 °C to +85 °C (+32 °F to +185 °F) |
|-------------------------------|------------------------------------|
| Heat Age Test Method | IEC 60794-1 F9 |
| Low High Bend | 0 °C to +70 °C (+32 °F to +158 °F) |
| Low High Bend Test Method | FOTP-37 IEC 60794-1 E11 |
| Temperature Cycle | 0 °C to +70 °C (+32 °F to +158 °F) |
| Temperature Cycle Test Method | FOTP-3 IEC 60794-1 F1 |

Packaging and Weights

Cable weight

64 kg/km | 43.006 lb/kft

Regulatory Compliance/Certifications

| Agency | Classification |
|--------|----------------|
|--------|----------------|

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

Page 6 of 8

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Product Classification

MP012, ULL, FEMALE, SM, GREEN, 2MM

| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
|-----------------------------------|---|
| Portfolio | CommScope® |
| Product Type | Fiber connector |
| Product Brand | TeraSPEED® |
| General Specifications | |
| Color | Green |
| Color, boot | Black |
| Ferrule Geometry | Angled |
| Interface | MPO/APC Female |
| Interface Feature | Unpinned |
| Total Fiber Count | 12 |
| Dimensions | |
| Length | 60.1 mm 2.366 in |
| Compatible Cable Diameter | 2 mm 0.079 in |
| Material Specifications | |
| Ferrule Material | Polymer |
| Mechanical Specifications | |
| Cable Retention Strength, maximum | 11.24 lb @ 0 ° |
| Optical Specifications | |
| Fiber Mode | Singlemode |
| Fiber Type | G.652.D and G.657.A1, TeraSPEED® OS2 |
| Insertion Loss Change, mating | 0.35 dB |
| Optical Components Standard | ANSI/TIA-568-C.3 |

Page 7 of 8

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| Insertion Loss, maximum | 0.35 dB |
|-------------------------|---------|
| Return Loss, minimum | 65 dB |

Packaging and Weights

Packaging quantity

* Footnotes

Insertion Loss Change, mating TIA-568: Maximum insertion loss change after 500 matings

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Page 8 of 8

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