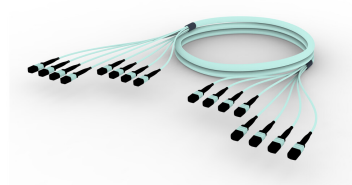


F3ZMPMPAL

Base Product



OM3 MPO (Unpinned) to MPO (Unpinned), InstaPATCH® 360 Pre-terminated Trunk Cable, 96-Fiber, Low Smoke Zero Halogen B2ca

OBSOLETE

This product was discontinued on: October 7, 2024

Replaced By:

U3XMPMPCL

Ultra Low Loss ULL LazrSPEED® 550 MPO(Unpinned) to MPO(Unpinned) Pre-terminated Trunk Cable, MPO12, 96-Fiber, LSZH, 12 fiber PmP 2.0 mm /B2ca

Product Classification

| | |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional Availability | Europe |
| Portfolio | CommScope® |
| Product Type | Fiber trunk cable assembly |
| Product Brand | SYSTIMAX InstaPATCH® 360 |
| Ordering Note | For lengths greater than 999 ft (304 m), orders must be in meters Minimum length may vary based on cable configuration Not available in the United States or Canada |

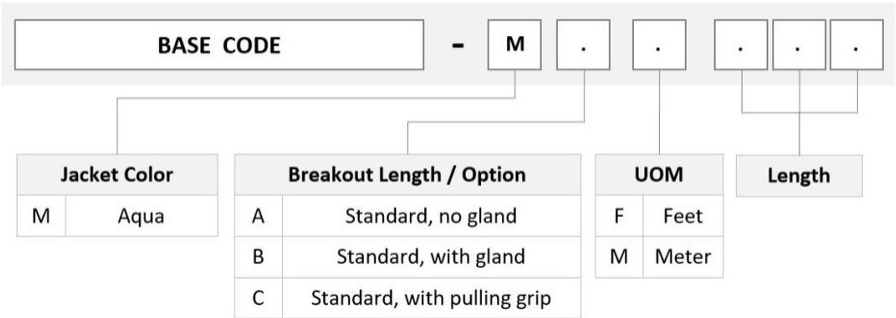
General Specifications

| | |
|------------------------------|-------------------|
| Color, boot A | Black |
| Color, connector A | Aqua |
| Color, boot B | Black |
| Color, connector B | Aqua |
| Construction Type | Stranded |
| Furcation Color | Aqua |
| Interface, Connector A | MPO-12/UPC Female |
| Interface, Connector B | MPO-12/UPC Female |
| Jacket Color | Aqua |
| Polarity | Method B (LL) |
| Fibers per Subunit, quantity | 12 |

F3ZMPMPAL

| | |
|----------------------------------|----------|
| Total Fibers, quantity | 96 |
| Dimensions | |
| Breakout Length | 33 in |
| Cable Assembly Length Range (m) | 3 – 999 |
| Cable Assembly Length Range (ft) | 10 – 999 |

Ordering Tree



Mechanical Specifications

| | |
|-----------------------------------|---------------------------------|
| Cable Retention Strength, maximum | 11.24 lb @ 0 ° 4.40 lb @ 90 ° |
|-----------------------------------|---------------------------------|

Optical Specifications

| | |
|------------|-----------------|
| Fiber Mode | Multimode |
| Fiber Type | OM3, LazrSPEED® |

Environmental Specifications

| | |
|----------------------------------------------|----------------------------------------|
| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| EN50575 CPR Cable EuroClass Fire Performance | B2ca |
| Environmental Space | Indoor Low Smoke Zero Halogen (LSZH) |

Regulatory Compliance/Certifications

| 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 |

F3ZMPMPAL

ROHS

UK-ROHS

Compliant/Exempted

Compliant/Exempted

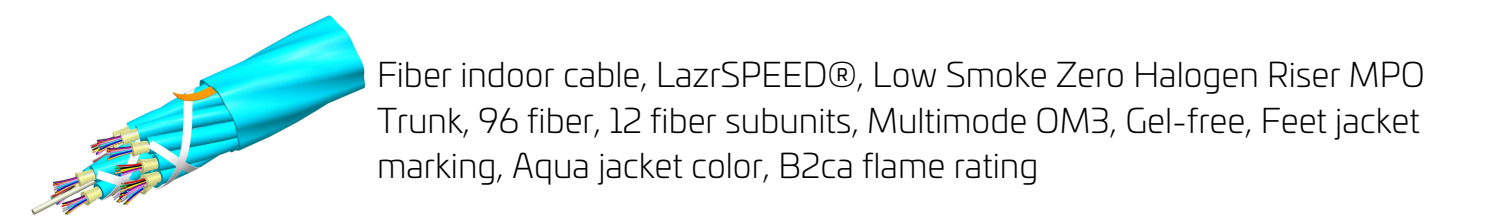


Included Products

- 760239597

N-096-MP-5L-F12AQ/B2

860647054
- Fiber indoor cable, LazrSPEED®, Low Smoke Zero Halogen Riser MPO Trunk, 96 fiber, 12 fiber subunits, Multimode OM3, Gel-free, Feet jacket marking, Aqua jacket color, B2ca flame rating
- MPO12, LOW LOSS, FEMALE, OM3/4, AQUA, 3mm



Product Classification

| | |
|-----------------------|--------------------|
| Regional Availability | Asia EMEA |
| Portfolio | CommScope® |
| Product Type | Fiber indoor cable |
| Product Series | N-MP |

General Specifications

| | |
|-------------------|-----------------|
| Cable Type | MPO trunk cable |
| Construction Type | Non-armored |
| Subunit Type | Gel-free |
| Jacket Color | Aqua |
| Jacket Marking | Feet |
| Subunit, quantity | 8 |
| Total Fiber Count | 96 |

Dimensions

| | |
|------------------------------|--------------------|
| Buffer Tube/Subunit Diameter | 3 mm 0.118 in |
| Diameter Over Jacket | 13.6 mm 0.535 in |

Representative Image



Mechanical Specifications

| | |
|-----------------------------------|---------------------------------------|
| Minimum Bend Radius, loaded | 206 mm 8.11 in |
| Minimum Bend Radius, unloaded | 137 mm 5.394 in |
| Tensile Load, long term, maximum | 400 N 89.924 lbf |
| Tensile Load, short term, maximum | 1335 N 300.12 lbf |
| Compression | 10 N/mm 57.101 lb/in |
| Compression Test Method | FOTP-41 IEC 60794-1 E3 |
| Flex | 25 cycles |
| Flex Test Method | FOTP-104 IEC 60794-1 E6 |
| Impact | 2.94 N-m 26.021 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 | 226 m 741.47 ft |

Optical Specifications

| | |
|------------|-------------------------------------------|
| Fiber Type | OM3, LazrSPEED® 300 OM3, LazrSPEED® 300 |
|------------|-------------------------------------------|

Environmental Specifications

| | |
|--------------------------|--------------------------------------|
| Installation temperature | 0 °C to +50 °C (+32 °F to +122 °F) |
| Operating Temperature | 0 °C to +60 °C (+32 °F to +140 °F) |
| Storage Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |

| | |
|----------------------------------------------|---------------------------------------|
| Cable Qualification Standards | ANSI/ICEA S-83-596 Telcordia GR-409 |
| EN50575 CPR Cable EuroClass Fire Performance | B2ca |
| EN50575 CPR Cable EuroClass Smoke Rating | s1a |
| EN50575 CPR Cable EuroClass Droplets Rating | d0 |
| EN50575 CPR Cable EuroClass Acidity Rating | a1 |
| Environmental Space | Low Smoke Zero Halogen (LSZH) |
| Flame Test Method | IEC 60754-2 IEC 61034-2 |

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 | 181 kg/km 121.626 lb/kft |
|--------------|----------------------------|

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|---------------------------------------------------------------------------------------------------------------------------------|
| CENELEC | EN 50575 compliant, Declaration of Performance (DoP) available |
| CHINA-ROHS | Below 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 |
| UK-ROHS | Compliant |



* Footnotes

| | |
|-----------------------|-------------------------------------------------------------|
| Operating Temperature | Specification applicable to non-terminated bulk fiber cable |
|-----------------------|-------------------------------------------------------------|



MPO12, LOW LOSS, FEMALE, OM3/4, AQUA, 3mm

Product Classification

| | |
|-----------------------|---------------------------------------------------------------------|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
| Portfolio | CommScope® |
| Product Type | Fiber connector |

General Specifications

| | |
|-------------------|----------------|
| Color | Aqua |
| Color, boot | Black |
| Ferrule Geometry | Flat |
| Interface | MPO/UPC Female |
| Interface Feature | Unpinned |
| Total Fiber Count | 12 |

Dimensions

| | |
|---------------------------|--------------------|
| Length | 60.1 mm 2.366 in |
| Compatible Cable Diameter | 3 mm 0.118 in |

Material Specifications

| | |
|------------------|---------|
| Ferrule Material | Polymer |
|------------------|---------|

Mechanical Specifications

| | |
|-----------------------------------|----------------|
| Cable Retention Strength, maximum | 11.24 lb @ 0 ° |
|-----------------------------------|----------------|

Optical Specifications

| | |
|-------------------------------|------------------|
| Fiber Mode | Multimode |
| Fiber Type | OM3 OM4 |
| Insertion Loss Change, mating | 0.2 dB |
| Optical Components Standard | ANSI/TIA-568-C.3 |

| | |
|------------------------------------|---------|
| Insertion Loss Change, temperature | 0.2 dB |
| Insertion Loss, maximum | 0.25 dB |
| Return Loss, minimum | 27 dB |

Packaging and Weights

| | |
|--------------------|---|
| Packaging quantity | 1 |
|--------------------|---|

Regulatory Compliance/Certifications

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

* Footnotes

| | |
|------------------------------------|-------------------------------------------------------------------------|
| Insertion Loss Change, mating | TIA-568: Maximum insertion loss change after 500 matings |
| Insertion Loss Change, temperature | Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F) |