

# 760251300 | MFC-12MX-5SP-30-AQ



Qwik-Fuse MPO Connector, PINNED, OM3/4/5, Aqua, for 3.0 mm round cable, single pack

**OBSOLETE**

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America |
| <b>Portfolio</b>             | CommScope®  |
| <b>Product Type</b>          | Fiber connector   |
| <b>Product Brand</b>         | LazrSPEED®   Qwik   |
| <b>Product Series</b>        | Qwik-Fuse   |

## General Specifications

|                          |  |
|--------------------------|--|
| <b>Color</b>             | Aqua                                       |
| <b>Color, boot</b>       | Black                                      |
| <b>Ferrule Geometry</b>  | Factory polished                           |
| <b>Interface</b>         | MPO/UPC Male                               |
| <b>Interface Feature</b> | Field Installable   Fusion splice   Pinned |
| <b>Total Fiber Count</b> | 12   |

## Dimensions

|                                  |                    |
|----------------------------------|--------------------|
| <b>Length</b>                    | 57.6 mm   2.268 in |
| <b>Compatible Cable Diameter</b> | 3 mm   0.118 in    |

## Material Specifications

|                         |         |
|-------------------------|---------|
| <b>Ferrule Material</b> | Polymer |
|-------------------------|---------|

## Mechanical Specifications

|  |                |
|--|----------------|
| <b>Cable Retention Strength, maximum</b> | 11.24 lb @ 0 ° |
|--|----------------|

## Optical Specifications

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|   |                                      |
|---|--------------------------------------|
| <b>Fiber Mode</b>                         | Multimode                            |
| <b>Fiber Type</b>                         | OM3   OM4   OM5, LazrSPEED® wideband |
| <b>Insertion Loss Change, mating</b>      | 0.3 dB                               |
| <b>Optical Components Standard</b>        | ANSI/TIA-568. 3-D                    |
| <b>Insertion Loss Change, temperature</b> | 0.3 dB                               |
| <b>Insertion Loss, maximum</b>            | 0.35 dB                              |
| <b>Insertion Loss, typical</b>            | 0.1 dB                               |
| <b>Return Loss, minimum</b>               | 20 dB                                |

## Environmental Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Operating Temperature</b> | -40 °C to +75 °C (-40 °F to +167 °F) |
|------------------------------|--------------------------------------|

## Packaging and Weights

|                           |   |
|---------------------------|---|
| <b>Packaging quantity</b> | 1 |
|---------------------------|---|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |



## \* Footnotes

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