

## Lynx-CustomFit™ Splice-On Connectors MPO

Sumitomo Electric Lightwave's Lynx-CustomFit™ Splice-On Connectors MPO are the industry's first MPO fusion splice-on field installable connector for customized, on-site terminations. They are easily terminated with minimal tooling, and compatible with other MPO connectors. Like all Lynx-CustomFit™ SOC, the MPO allows technicians to make permanent terminations with the exact cable length for fast and easy installations, upgrades, and repairs at the work site. The on-site customization facilitated by the Lynx-CustomFit™ SOC connectivity method eliminates the risk of shorts and slack, repair lag, and logistic delays associated with preterminated cables and the need for splice trays required for pigtails — making the Lynx-CustomFit™ SOC MPO your best choice in customized fiber termination.

### FEATURES

- Industry's First MPO Field Installable, Fusion Splice-On Connector
- Cuts Time, Material, and Labor Costs
- Eliminates Logistical Delays of Pre-Engineered Cables
- Guide Pins for Precision Alignment (Male Only)
- Color Coded Housing
- Compatible with Optical Ribbon Fiber and Round Cord 12ct. Loose Tube
- Customizable Field Polarity Management
- EIA/TIA-604-5, FOCIS 5, IEC-61754-7 Compliant

### SPECIFICATIONS

Connector Type	SMF: Low Loss	SMF: Standard	MMF: OM1	MMF: OM2	MMF: OM3/OM4/OM5
Polish	Angled	Angled	Flat	Flat	Flat
Housing Color	Yellow	Green	Beige	Black	Aqua
Typical Insertion Loss	.10dB	.25dB	.10dB	.10dB	.10dB
Maximum Insertion Loss	≤ .35dB	≤ .75dB	≤ .35dB	≤ .35dB	≤ .35dB
Return Loss	≥ 60dB	≥ 60dB	≥ 20dB	≥ 20dB	≥ 20dB



## LYNX-CUSTOMFIT™ MPO PART NUMBERING GUIDE

### LYNX2-MPO12 A

(A = Connector Gender)

M

(Male)

F

(Female)

### POLARITY

Specifying polarity is not required.  
See installation instructions.

### B B

(BB = Fiber)

S M

(Single Mode)

M M

(Multi Mode)



### C C

(CC = Fiber Type)

L L

Low Loss  
(IL ≤ 35dB RL ≥ 60dB)

YELLOW HOUSING

S L

Standard Loss  
(IL ≤ 75dB RL ≥ 60dB)

GREEN HOUSING

O 1

Multi Mode 62.5μm  
(IL ≤ 35dB RL ≥ 20dB)

BEIGE HOUSING

O 2

Multi Mode 50μm  
(IL ≤ 35dB RL ≥ 20dB)

BLACK HOUSING

O 3

Multi Mode 50μm  
Laser Optimized  
(IL ≤ 35dB RL ≥ 20dB)  
OM3, OM4 and OM5 Compatible

AQUA HOUSING

### D D D D D

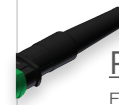
(DDDD = Fiber Media)

R B N \_ \_

For 12f Ribbon  
(No Jacket)

R B C \_ \_

For 12f Ribbon  
(With Jacket)

R C 3 . 0

For 3.0mm Cord

### EXAMPLES

(LYNX2-MPO12-ABBCC-DDDD-EEE)

LYNX2-MPO12 F - S M L L - R B N \_ \_

Part Number is: LYNX2-MPO12F-SMLL-RBN

LYNX2-MPO12 M - M M O 3 - R C 3 . 0

Part Number is: LYNX2-MPO12M-MM03-RC3.0

## RELATED PRODUCTS

PART NAME	DESCRIPTION
LYNX-CORDTOOL-2.0-3.0	Splice-On Connector Cord Prep Tool, 2.0 to 3.0mm Cord OD
FHM-12-MPO-MTL	Lynx-Customfit™ MPO Metal Ferrule Holder
LYNX-ATK-MPO	Assembly Platform with Integrated Fiber Arrangement Tool
LYNX-HRT-1	MPO Outer Housing Disassembly Tool
FTA-02	Fiber Arrangement Tool Using Glue
FAC-24	Consumables for Fiber Arrangement Tool (Makes Approx. 30 Ribbons)
TYPE-Q102-M12p-KIT-MPO	Quantum Mass Fusion Splicer, Cleaver, Thermal Jacket Remover, Spare Electrodes, 12ct Ribbon Fiber Holders, 250um Single Fiber Holders, V-Groove Brush, Power Cord, Manual, Hard Case, MPO Assembly Tool Kit, Consumable Kit, 2mm/3mm Cord Tool, Fiber Optic Shears, MPO Metal Holder



### KUMPULAN ABEX SDN BHD

[Co. Reg. 198801000020 (167376-M)]

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For More Information

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