SUMITOMO ELECTRIC LIGHTWAVE

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™ SOCs, 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	$\leq$ .35dB	$\leq$ .75dB	$\leq$ .35dB	$\leq$ .35dB	$\leq$ .35dB
Return Loss	$\geq$ 60dB	$\geq$ 60dB	$\geq$ 20dB	$\geq$ 20dB	$\geq$ 20dB

To learn more information visit **www.SumitomoElectricLightwave.com**

LYNX-CUSTOMFIT™ MPO PART NUMBERING GUIDE

LYNX2-MPO12 A (A = Connector Gender)	B B (BB = Fiber)	C C (CC = Fiber Type)	D D D **D D** (DDD**DD** = Fiber Media)

M
(Male)

F
(Female)

POLARITY

Specifying polarity is
not required.
See installation instructions.

S M
(Single Mode)

M M
(Multi Mode)

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

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-DDD**DD**-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

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