

# 3X MPO SPLICE-ON CONNECTORS

## Field Installable & Re-Spliceable (Reusable)



The Optix 3X MPO field installable splice-on connector with patent-pending design and twenty year product warranty avoids the “One&Done” problem associated with current MPO connectors on the market today. These connectors offer up to three opportunities to be spliced to avoid costly scrapped connectors on “failed splice” connections.



The 3X MPO optic fiber stub has a longer length which eliminates a need for different connector holders relative to a fusion splicer. Connector holders are expensive and not universal to different types of connectors or fusion splicers. The 3X MPO design only requires a fiber cable holder for the optic fiber stub, a much simpler design. Another advantage is that a longer fiber stub length provides up to three opportunities to splice fiber ends correctly, thus saving money on “failed splice” connections. Still another advantage is that an increased boot length better protects the optic fiber within the boot, which improves fiber strain relief. Additionally, the 30mm splice sleeve is steel-plated on both sides to avoid crushing and stressing the end fibers typically caused by shrinkage upon heating.

The 3X MPO performs as an equivalent to the standard factory terminated MPO/MTP assemblies. Designed to be spliced with 250um ribbon, rollable ribbon, or loose tube cable, this connector simplifies the termination of a multi-fiber connection, allowing for a reliable termination in field applications



## Features

- Up to three opportunities to re-splice or reuse the connector
- Only three parts - flexible silicon boot (126mm), steel-plated splice sleeve (30mm), Fiber stub (122mm)
- Excellent strain relief and protection
- Double steel-plated splice sleeve for maximum splice area protection
- No special holders needed
- Splices easily on any brand fusion splicer.

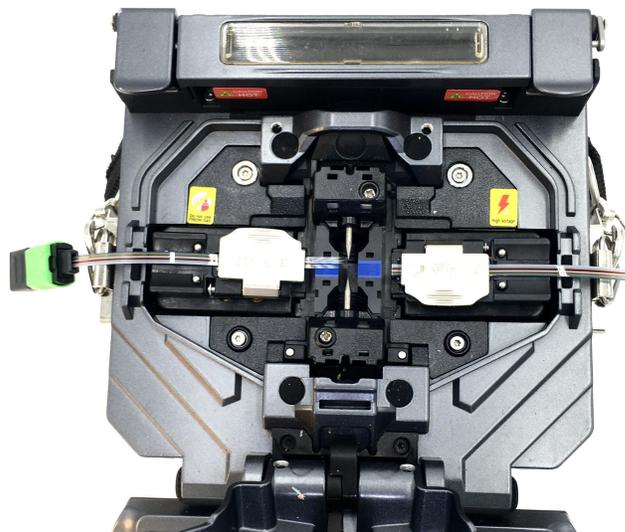
## Specifications

PARAMETER		VALUE
Insertion loss	Single Mode (OS1) Corning Cable	Average: 0.25 dB; Max: 0.75 dB
	62.5/125 (OM1) Corning Cable	Average: 0.10 dB; Max: 0.35 dB
	50/125 (OM4) Corning Cable	Average: 0.25 dB; Max: 0.35 dB
Return Loss	Single Mode (OS1) Corning Cable	>65 dB
	62.5/125 (OM1) Corning Cable	>30 dB
	50/125 (OM4) Corning Cable	>30 dB



## Ordering Information - 3X MPO Splice-On Connectors

PART NO.	CONNECTOR TYPE	FIBER TYPE	POLISH	CABLE SIZE	HOUSING COLOR	PACKAGE
3XSOC-MPO-SMA-F-250-6	MPO, Female (No pins)	SM (OS1)	APC	250um	Green	Six Pack
3XSOC-MPO-SMA-M-250-6	MPO, Male (pins)	SM (OS1)	APC	250um	Green	Six Pack
3XSOC-MPO-OM4-F-250-6	MPO, Female (No pins)	MM (OM4)	PC	250um	Aqua	Six Pack
3XSOC-MPO-OM4-M-250-6	MPO, Male (pins)	MM (OM4)	PC	250um	Aqua	Six Pack
3XSOC-MPO-OM1-F-250-6	MPO, Female (No pins)	MM (OM1)	PC	250um	Beige	Six Pack
3XSOC-MPO-OM1-M-250-6	MPO, Male (pins)	MM (OM1)	PC	250um	Beige	Six Pack



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