

# 3X MPO Splice-on Connectors

## Field Installable & Re-Spliceable (Reusable)



The Optix 3X MPO field-installable splice-on connector features a patented design that provides significant advantages by offering up to three opportunities to splice correctly. This effectively eliminates costly scrapped connectors resulting from failed splice connections. Designed for user-friendliness, the connector seamlessly splices with any brand fusion splicer without requiring a specialized connector holder. Manufactured exclusively with Corning cable, our connector allows up to three attempts to splice correctly. Furthermore, the extended boot length of the 3X MPO offers exceptional strain relief and enhanced protection at the sensitive splice point. The 30mm splice sleeve has steel plates on both sides for maximum splice area protection. This connector simplifies multi-fiber terminations in field applications, ensuring reliable connections with 250 $\mu$ m and 200 $\mu$ m rollable and standard 250 $\mu$ m flat ribbon cables.

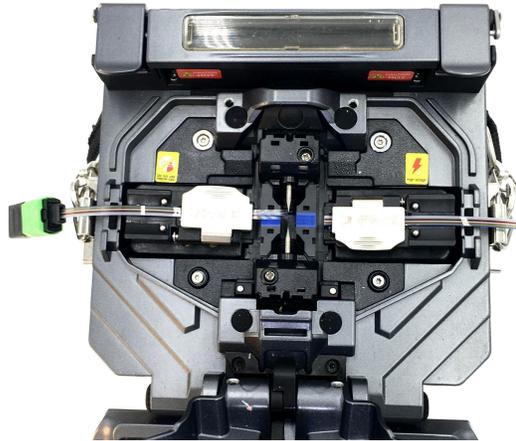


## Features

- Patent No.: US 12,298,561 B2
- Designed for 250 $\mu$ m and 200 $\mu$ m rollable and standard 250 $\mu$ m flat ribbon cables
- Up to three opportunities to re-splice or reuse the connector
- Avoid costly scrapped connectors on "failed splice" connections
- Splices easily on any brand fusion splicer
- No special holders needed
- Only three parts - silicon boot (126mm), steel-plated splice sleeve (30mm), fiber connector
- Available in standard loss and low loss singlemode options
- Flexible silicon boot routes easily and neatly in enclosures
- Increased boot length provides excellent strain relief
- Double steel-plated splice sleeve for maximum splice area protection

## Specifications

Parameter	SM Low Loss	SM Standard Loss	MM OM1	MM OM4
Polish	Angled	Angled	Flat	Flat
Insertion Loss (average)	.10dB	.25dB	.10dB	.10dB
Insertion Loss (maximum)	≤.35dB	≤.75dB	≤.35dB	≤.35dB
Return Loss	≥ 60dB	≥ 60dB	≥ 20dB	≥ 20dB



## Ordering Information

Part No.	Connector Type	Fiber Type	Housing Color	Package
<b>3XSOC-MPO-SMA-F-LL-250-6</b>	MPO Low Loss, Female (No pins)	SM APC	Yellow	Six Pack
<b>3XSOC-MPO-SMA-M-LL-250-6</b>	MPO Low Loss, Male (pins)	SM APC	Yellow	Six Pack
<b>3XSOC-MPO-SMA-F-SL-250-6</b>	MPO Standard Loss, Female (No pins)	SM APC	Green	Six Pack
<b>3XSOC-MPO-SMA-M-SL-250-6</b>	MPO Standard Loss, Male (pins)	SM APC	Green	Six Pack
<b>3XSOC-MPO-OM4-F-250-6</b>	MPO, Female (No pins)	MM OM4	Aqua	Six Pack
<b>3XSOC-MPO-OM4-M-250-6</b>	MPO, Male (pins)	MM OM4	Aqua	Six Pack
<b>3XSOC-MPO-OM1-F-250-6</b>	MPO, Female (No pins)	MM OM1	Beige	Six Pack
<b>3XSOC-MPO-OM1-M-250-6</b>	MPO, Male (pins)	MM OM1	Beige	Six Pack