

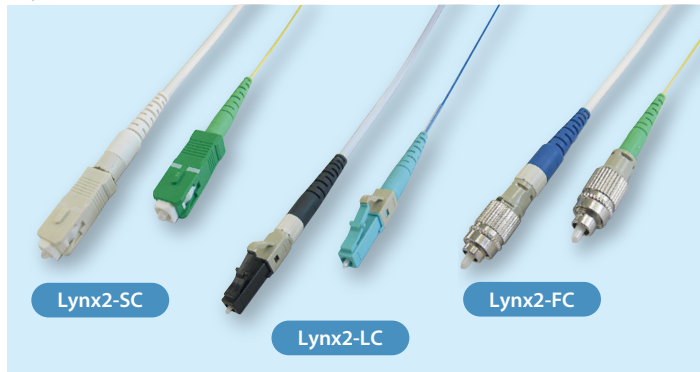
Lynx2 Connector

(Lynx-Custom Fit® Splice-On Connector Ver.2)

Tailoring Your Fiber Optic Network

Splice-on fiber optic connector enabling quick, easy and reliable permanent field terminations

Lynx2-SC, LC and FC Connector

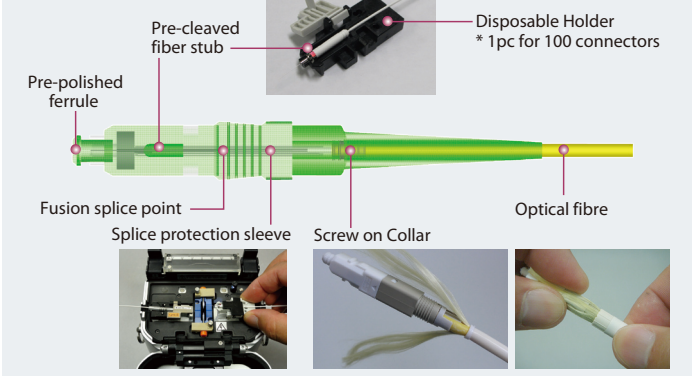


- Easy termination with 'factory made' quality
- Eliminating crimping process and crimping tools
- Requires neither adhesives, hand polishing, nor matching gel
- Compatible with Sumitomo Splicers and other brands
- Meets Telcordia GR-326-CORE and GR-1081-CORE compliance

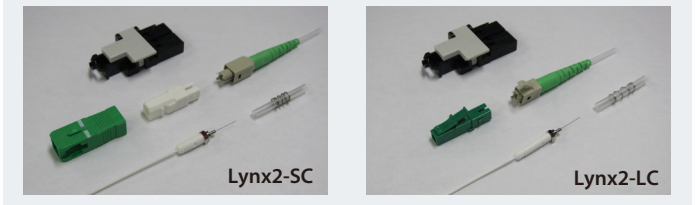
Specification

Connector	SC	LC	FC
Fiber	SM, MM (62.5µm, 50µm, 50µm10G)		
Media Type	Fiber Type: 0.25, 0.9mm (tight buffer, loose buffer) Cord Type: 1.6mm, 2mm, 2.4mm, 3mm		
Polish	APC, UPC (for SM), PC (for MM)		
Insertion Loss	SM: 0.15dB (Avg.), 0.3dB (max.) MM: 0.10dB (Avg.), 0.25dB (max.)		
Return Loss	SM: ≥65dB (APC), ≥55dB (UPC) MM: ≥30dB (PC)		
Operating Temp.	- 40 to 75°C		
Housing Color	SM,APC Green	SM,UPC Blue	MM62.5 Beige MM50 Black MM50(10G) Aqua
Interface	IEC61754 - 4	IEC61754 - 20	IEC61754 - 13

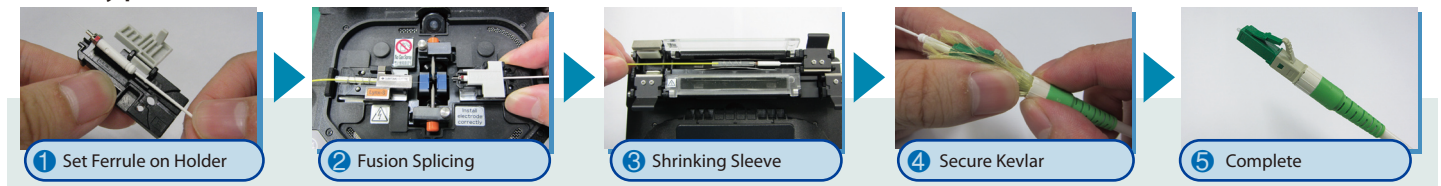
Structure



Connector Kit (for single fiber)



Assembly procedures



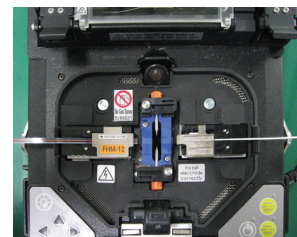
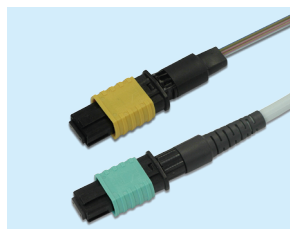
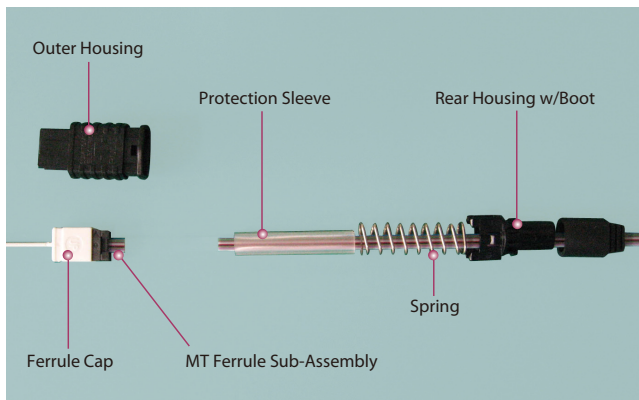
Assembly Tool • Compatible with many existing fusion splicers and accessories

	Fiber cleaver	Jacket remover	Sheath splitter	Kevlar snips	Fiber holder		Connector holder
					Lynx2-UML-S	FHS-025/LB5	
Cord type	✓	✓	✓	✓	0.9mm tight buffer		✓
Fiber type	✓	✓			0.9mm tight buffer	0.9mm loose buffer / 0.25mm fiber	✓

Lynx2-MPO Connector

Industry's first MPO field installable, fusion splice-on connector

- Compatible with factory assembled MPO Connectors
- Bare ribbon or round cord loose tube cable is available
- Heat shrink tube - The highest reliability for the fiber protection
- Compact size - Short length as factory assembled MPO connectors
Compact enough to fit the quad adapter
- Compatible with Sumitomo's T-66M12-MPO splicer
- Management Polarity - Available for every method by arranging the fiber order at the field
- Meets Telcordia GR-1435-CORE compliance



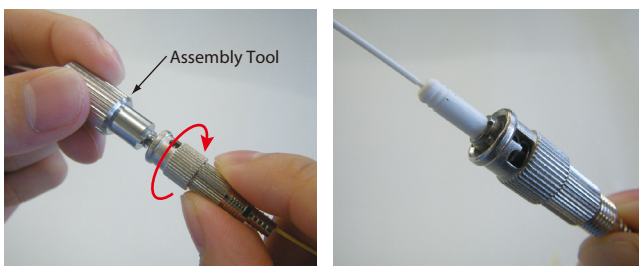
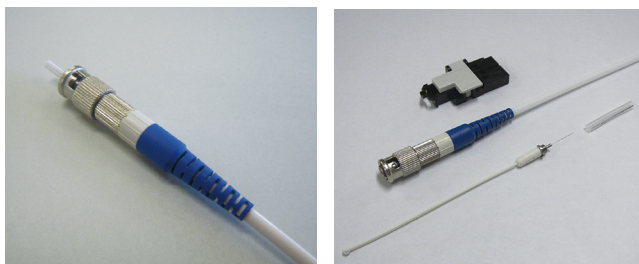
Specification

Connector	MPO
Fiber	SM, MM (62.5µm, 50µm, 50µm10G)
Media Type	Bare ribbon, Round Cord (Up to 12 fiber)
Polish	APC (for SM), PC (for MM)
Insertion Loss	SM Low Loss: 0.35dB (Against master plug) SM Std Loss: 0.75dB (Against master plug) MM: 0.35dB (Against aster plug)
Return Loss	SM: ≥55dB
Operating Temp.	- 40 to 75°C
Housing Color	SM,Low Loss Yellow SM,Std Loss Green MM62.5 Beige MM50 Black MM50(10G) Aqua
Interface	IEC61754 - 7

Lynx2-ST Connector

Expansion of Simplex Product Line

- Easy termination- The same procedure as other Lynx2 connectors
- Metal housing - High reliability
- Minimum Parts - Housing parts are pre-assembled

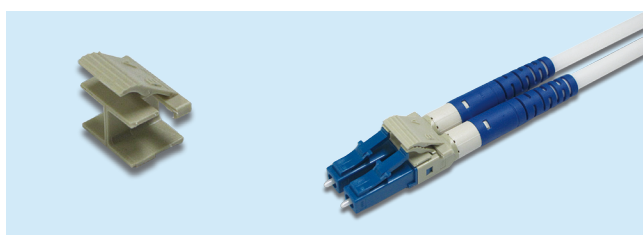


Assembly Tool helps the installation so that the fiber is not twisted
Note: APC polishing is not available for Lynx2-ST Connector

Lynx2-Duplex-LC-Clip

Lynx2-LC turns into Duplex type easily

- One piece, Simple design
- Easy installation and detachable design
- Lynx2-LC for 250/900µm, 900µm LB, 1.6mm and 2mm types are available

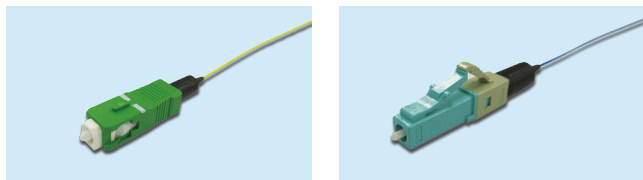


Note: The optical cord with 2.4mm or larger diameter is not applicable

Lynx2 with Short Boot

Compact size for small cabinet

- Short Silicone Boot
- Lynx2-SC and LC for 900µm types are available



SUMITOMO ELECTRIC INDUSTRIES, LTD.

North Carolina (America)
Sumitomo Electric Lightwave Corp.
78 Alexander Drive, P.O.Box 13445, Research Triangle Park,
NC27709, Toll Free No: 800-358-7378
TEL: +1 919 541 8100
<http://www.sumitomoelectric.com/>

Hong Kong (China)
Sumitomo Electric Asia, Ltd.
Room 2624-2637, Sun Hung Kai Centre,
30 Harbour Road, Wanchai, Hong Kong
TEL: +852 2576 0080
<http://www.sea.com.hk/>

London (EMEA)
Sumitomo Electric Europe Ltd.
220 Centennial Park, Centennial Avenue,
Elstree, Herts. WD6 3SL, U.K.
TEL: +44(0)20 8953 8118
<http://www.sumielectric.com/>

Tokyo (Japan) and Other
Sumitomo Electric Industries, Ltd.
(Global Business Department)
3-9-1, Shibaura, Minato-ku, Tokyo 108-8539 Japan
TEL: +81-3-6722-3246
<http://global-sei.com/fttx/>