SUMITOMO ELECTRIC

Lynx-CustomFit™

Our Splice-On Connector
Gets the Job Done with Ease

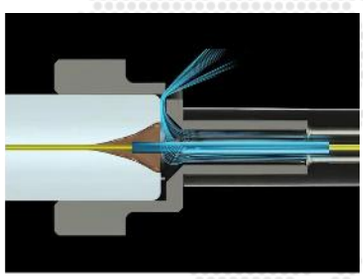


2025 LIGHTWAVE + BTR INNOVATION REVIEWS 4.5

Transform your work with our innovative, high quality connectors



Fewer parts to provide an error-free assembly



Prevents bubbles and bending stress by Flexible Path



Faster terminations from factory prepared ferrule sub-assemblies

You can find more details on our official website and LinkedIn.

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Website

LinkedIn

Standards and Optical Performance*

Connector Type	SC	LC	FC	ST	Q8MPO / 12MPO
Product Image					
Interface Standard	IEC 61754-4	IEC 61754-20	IEC 61754-13	IEC 61754-2	IEC 61754-7-1
Fiber Type and Polishing Type	SM.APC, SM.UPC MM50(OM2).PC, MM50(OM3/OM4).PC MM62.5(OM1).PC				SM.APC MM50.Flat PC
Insertion Loss (Against master plug)	SMF: Ave. 0.2 dB, Max. 0.3 dB MMF: Ave. 0.1 dB, Max. 0.25 dB				SMF(Std Loss) : Max.0.75 dB SMF(Low Loss): Max. 0.4 dB MMF(Low Loss): Max. 0.4 dB
Return Loss (Against master plug)	SMF: ≧60dB(APC), ≧55dB(UPC) MMF: ≧30 dB(PC)				SMF: ≥55dB
Temperature Conditions	Installation: -5 to 45 ˚C , Operation: -40 to 75 ˚C Transport: -40 to 50 ˚C , Storage: -40 to 50 ˚C				
Qualification	IEC 61753-1 GR-326-CORE, GR-1081-CORE ANSI/TIA-568.3				GR-1435-CORE GR-1081-CORE ANSI/TIA-568.3

* Specifications are subject to change without prior notice.

Assembly Tool

Tool Name		Fusion Splicer	Fiber Cleaver	Jacket Remover	Thermal Jacket Remover		Sheath Splitter	Sheath Splitter	Aramid Yarn Snips	ST Assembly Tool
Part No.		See below*1	FC-8R	JR-M03	JR-7S	JR-7	LYNX-CORDTOOL-1.6-2.4	LYNX-CORDTOOL-2.0-3.0	N-57	LYNX-ST-AT-01
Product image										
Single fiber	Cord	✓	✓	✓	✓	--	✓ for 1.6/2.4 mm cord	✓ for 2/3 mm cord	✓	✓ for ST connector
	Fiber				✓ *2	✓ *3	--	--	--	
MPO	Round/ Ribbon cord	✓	✓	--	--	✓	--	✓	✓	--
	Bare Ribbon							--	--	

*1 All current models are compatible.
*2 The JR-7S supports the stripping of Φ0.25 mm and Φ0.9 mm fibers.
*3 The JR-7 supports the stripping of Φ0.2 – 0.4 mm fibers only.

Fiber Holders

Connector Type	Single Fiber Connector (Lynx-CustomFit™ Ver.3)						MPO Connector (Lynx-CustomFit™ Ver.2)		
Type	250 µm fiber	900 µm Tight Buffer	900 µm Loose Tube/ 900 µm Loose Buffer	2 mm cord with 900 µm Tight Buffer	2 mm cord with 900 µm Loose Buffer	3 mm cord with 900 µm Tight Buffer	Bare Ribbon	Round Cord	Ribbon Cord
Part No. (Left-hand side): For fiber/Cord Set	FHS-025 or LYNX-S-LB	FHS-09 or LYNX-S2 *1	LYNX-S-LB	LYNX-S2 *1	LYNX-S-LB	LYNX-S2 *1	12-fiber: FHM-12V 8-fiber: FHM-8		
Part No. (Right-hand side): For ferrule sub-assembly set	LYNX-C-PLS (Plastic, Standard) *2 or LYNX-C (Metal, Option)						LYNX2-C(MT) (Plastic, Standard) *3 or LYNX2-C(MT) Metal (Metal, Option)		

*1 The LYNX-S2 holder is compatible with the JR-7S and JR-M03 and supports one-pass removal of the 250 µm coating and 900 µm buffer with JR-7S.
Neither LYNX-S nor LYNX-S2 supports the 250 µm coating and 900 µm buffer removal with the JR-7.
When using LYNX-S, remove the 250 µm coating and 900 µm buffer with JR-M03 before loading the fiber on the holder.
*2 1 pc of LYNX-C-PLS holder is supplied with every 10 connectors.
*3 1 pc of LYNX2-C(MT) holder is supplied with every 10 connectors.

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LYNX3-EN002
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Designed in Japan