SUMITOMO ELECTRIC LIGHTWAVE
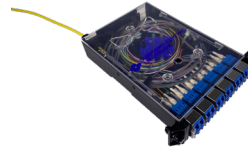
PrecisionFlex® FOX Splice Cassettes

PrecisionFlex® FOX Splice Cassettes are an LGX footprint splice cassette with advantages that improve efficiency in your interconnect panels. The FOX cassette housings combine removable mounting flanges/ears (for front or back installation), removable faceplates and splice modules (for ease of splicing), and allow for all types of cordage (including Air-Blown Fiber® Bundles & Tubes) to be terminated. All in a package that, unlike splice tray solutions, segments those splices from the others in the panel for ease of access in the future.

In addition, the cassettes feature translucent shuttered LC adapters when a VFL is used, a clear cover for visibility, a variety of mounting features, including options for wall- or DIN Rail-mounting (snap-on DIN-Rail mounting accessory available), and can be outfitted with MPO/MTPs.
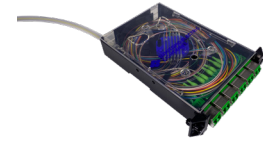
MTP is registered trademark by US Conec

TERMINATION TYPES

Conventional Termination

• Standard Flat-Ribbon Cables; Pliable Freeform Ribbon® Cables & Cordage

Air-Blown Fiber® Termination

• Fiber Bundles
• Tube Cables/Tubes

FEATURES

• Clear Lid with Tool-Free Removal
• Removable Mounting Ears
• Available in Tight Buffer And Ribbon
• Removable Face Plate & Fanout
• LC-Shuttered Adapters Keep Bulkhead Ferule Clean
• Versatile Mounting Options: Din Rail, Wall Mount, & Competitive Foot Prints Available

BENEFITS

• Front- and Rear-Panel Access Provides Flexibility and Reduces Risk after Splicing
• Spliced Fibers and Pigtails are Easily Visible Via Clear Cover
• Easy to Access to Splicer
• No Need for Dust Caps on LC Adapters
• Knockouts Allow Cables to Cross Over from Ther Cassettes

QUICK SPECS

LC, SC, ST	**6-24**	**Standard, Tight Buffer**	**SM, MM**
CONNECT TYPE	PORT QTY.	RIBBON TYPE	FIBER TYPE

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

BULKHEAD CAPACITY

PORT QUANTITY	LC PORT CONNECTORS	SC PORT CONNECTORS	ST PORT CONNECTORS
6 Ports			
12 Ports			
24 Ports			

SINGLE-FIBER CONNECTOR CHARACTERISTICS

PROPERTY	SMF-UPC	SMF-APC	MMF OM1	MMF OM4	MMF OM5
Polish Type	UPC	APC	UPC	UPC	UPC
Housing Color	blue	green	beige	aqua	lime
Insertion Loss (Typical)	≤ 0.25 dB	≤ 0.30 dB	≤ 0.30 dB	≤ 0.30 dB	≤ 0.30 dB
Return Loss	≥ 50 dB	≥ 60 dB	≥ 25 dB	≥ 25 dB	≥ 25 dB
Operating Temperature	-4 to +158°F (-20 to +70°C)				

MPO CONNECTOR CHARACTERISTICS

PROPERTY	SMF	MMF OM1	MMF OM4	MMF OM5
Insertion Loss (Typical)	≤ 0.75 dB	≤ 0.60 dB	≤ 0.60 dB	≤ 0.60 dB
Return Loss	≥ 55 dB	≥ 55 dB	≥ 55 dB	≥ 55 dB
Operating Temperature	-4 to +158°F (-20 to +70°C)			

KITTING COMPONENTS

COMPONENTS	RIBBON		TIGHT BUFFER		
	12F	24F	6F	12F	24F
Hook & Loop Tie Wrap	2	2	2	2	2
Double-Sided Tape	2	2	2	2	2
Tie Wrap	2	2	2	2	2
Cable Grommet	1	1	1	1	1
Single-Fiber Protection Sleeve			6	12	24
Ribbon-Fiber Protection Sleeve	1	2			
Single-Splice Sleeve Holder			1	2	4
Ribbon-Splice Sleeve Holder	1	1			

ORDERING INFORMATION

Ordering Instructions: Create a part number by using this character set and codes.

FT 11 -F 22 33 444 555 - 6666

1 – FRONT CONNECTOR TYPE		2 - HOUSING COLOR		3 – FIBER COUNT		4 – FIBER CONSTRUCTION		5 – FIBER TYPE		6 – SPECIAL	
LC	LC Connector	SP	White	06	6-Fiber	RBN	Ribbon	OM1	OM1	BLANK	Not Applicable
SC	SC Connector	BK	Black	12	12-Fiber	TBF	Tight Buffer	OM4	OM4	APFC	APC (Angle-Polished Connector)
ST	ST Connector			24	24-Fiber (LC Only)			OM5	OM5	MP12	12-Fiber MPO
								OS2	SM	MP24	24-Fiber MPO

Example: FT LC - F BK 24 TBF OS2 _ _ _ _ | Part No. is: FTLC-FBK24TBFOS2

ACCESSORIES

PART NUMBER	DESCRIPTION
FOX-DINRAIL-ADPT-KIT	10 DIN Rail adapters; 20 screws for FOX Splice Cassettes
FTRB-LGX-CCH	adapter for the Corning closet connector housing (CCH)
FOX-CABLE GROMMET	cable grommet with 2.75 in (70 mm) diameter hole