

COMPONENTS AND ACCESSORIES



Modular Connector Assemblies

LGX Cassettes - Splice Pre-Connectorized



Vertical Mounting

SC SX	Fibers:			LC DX	Fibers:		
	4	6	8		8	12	16
Adapters:	front: 4 × SC SX rear: M12 gland	front: 6 × SC SX rear: M12 gland	front: 8 × SC SX rear: M12 gland	Adapters:	front: 4 × LC DX rear: M12 gland	front: 6 × LC DX rear: M12 gland	front: 8 × LC DX rear: M12 gland
	264-MCA03A1Z4-S	264-MCA03A1Z6-S	264-MCA03A1Z8-S		264-MCA04B1Z4-S	264-MCA04B1Z6-S	264-MCA04B1Z8-S
	264-MCA03A1Y4-S	264-MCA03A1Y6-S	264-MCA03A1Y8-S		264-MCA04B1Y4-S	264-MCA04B1Y6-S	264-MCA04B1Y8-S
	264-MCA03A1A4-S	264-MCA03A1A6-S	264-MCA03A1A8-S		264-MCA04B1A4-S	264-MCA04B1A6-S	264-MCA04B1A8-S
	264-MCA03A1C4-S	264-MCA03A1C6-S	264-MCA03A1C8-S		264-MCA04B1C4-S	264-MCA04B1C6-S	264-MCA04B1C8-S
					264-MCA04B1D4-S	264-MCA04B1D6-S	264-MCA04B1D8-S

Horizontal Mounting

SC DX	Fibers:			LC QX	Fibers:		
	4	6	8		8	12	16
Adapters:	front: 2 × SC DX rear: M12 gland	front: 3 × SC DX rear: M12 gland	front: 4 × SC DX rear: M12 gland	Adapters:	front: 2 × LC QX rear: M12 gland	front: 3 × LC QX rear: M12 gland	front: 4 × LC QX rear: M12 gland
	264-MCA03B2Z2-S	264-MCA03B2Z3-S	264-MCA03B2Z4-S		264-MCA04C2Z2-S	264-MCA04C2Z3-S	264-MCA04C2Z4-S
	264-MCA03B2Y2-S	264-MCA03B2Y3-S	264-MCA03B2Y4-S		264-MCA04C2Y2-S	264-MCA04C2Y3-S	264-MCA04C2Y4-S
	264-MCA03B2A2-S	264-MCA03B2A3-S	264-MCA03B2A4-S		264-MCA04C2A2-S	264-MCA04C2A3-S	264-MCA04C2A4-S
	264-MCA03B2C2-S	264-MCA03B2C3-S	264-MCA03B2C4-S		264-MCA04C2C2-S	264-MCA04C2C3-S	264-MCA04C2C4-S
					264-MCA04C2D2-S	264-MCA04C2D3-S	264-MCA04C2D4-S
							264-MCA04C2D6-S

Orientation:

Orientation (cable entry angle) of all rear adapter plates can be changed in the field by repositioning the adapter plate without disassembling the cassette.



KITTING

As-delivered:

- 1 × base with cover;
- 1 × front bracket with installed adapters;
- 1 × set of ANSI/TIA-598-color-coded pigtailed matching connector type and fiber count;
- 1 × set of splice holders matching fiber count with 265-SLV01-3A splice protection sleeves;
- 1 × rear M12/PG7 cable gland adapter plate;
- 2 × blank rear adapter plates;
- 1 × shipping box.

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CHARACTERISTICS

Compatibility:	LGX-compatible mounting hardware with the following minimum rear depth space: 200 mm (8.0 in) for enclosed units; 160 mm (6.5 in) for open units.		
Mounting:	standard LGX footprint and mechanism: overall profile dimensions: 30 mm × 130 mm (1.18 in × 5.12 in); mounting opening dimensions: 29 mm × 103 mm (1.14 in × 4.06 in) min; distance between mounting holes: 118 mm (4.65 in) ctc.		
Materials:	aluminum alloy; black powder coating; panel fasteners: nylon/ABS.		
Interfaces:	front:	adapters: SC SX, SC DX, LC DX, LC QX;	
	rear:	adapters: MPO-12 Type A flanged (see accessories); cable gland: M12/PG7 (cable OD: 2 mm–6.5 mm [0.08 in–0.25 in]).	
Adapter insertion loss (IL):	SC, LC:	0.3 dB or lower (when used with standard-compliant plugs);	
	MPO:	0.35 dB (low-loss SM); 0.7 dB (SM); 0.35 dB (low-loss MM); 0.6 dB (MM).	
Adapter return loss (RL):	SC, LC:	UPC: ≥55 dB (when used with standard-compliant plugs); APC: ≥65 dB (when used with standard-compliant plugs);	
	MPO:	-65 dB (8° low-loss SM); -65 dB (8° SM); -25 dB (low-loss MM); -25 dB (MM).	
Front adapter construction:	one-piece design; Zirconia ceramic sleeves, split; see details on page 6.		
Front adapter mounting:	flush with cassette's front plane.		
Splicing:	one or two 12-position fusion-splice holders (see accessories).		
Threaded joints:	SI (metric).		
Connector compliance:	IEC 61754-4 (type SC connector family), TIA-604-3 (FOCIS 3); IEC 61754-20 (type LC connector family), TIA-604-10 (FOCIS 10B); IEC 61754-7-1 (type MPO connector family), TIA-604-5 (FOCIS 5).		
Dimensions:	cassette box:	W:	130 mm (5.12 in),
		H:	29 mm (1.14 in),
		D:	130 mm (5.12 in);
	assembled cassette:	W:	130 mm (5.12 in),
		H:	29 mm (1.14 in),
		D:	130 mm–145 mm (5.12 in–5.7 in).
Weight:	cassette box:	150 g (5.3 oz);	
	assembled cassette:	~200 g (7.0 oz), varies depending on configuration.	
Environmental:	operating temperature:	-10 °C–60 °C (14 °F–140 °F);	
	storage temperature:	-40 °C–70 °C (-40 °F–158 °F);	
	operating humidity:	93 % RH max non-condensing.	
Compatibility:	Telcordia GR-326-CORE.		
Compliance:	ANSI/TIA-568.3-D; GR-769; ANSI/UL 94 V-0; Regulation (EC) No 1907/2006 (REACH); Directive 2011/65/EU Am. 2015/863/EU (RoHS2).		