



LGX CASSETTES SPLICING

264-MCS SERIES

DESCRIPTION

**Modular Connector Assemblies:
LGX Cassettes, Splicing, 12-Fiber.**

FEATURES

- Mounting: Standard LGX footprint and mechanism
- Delivered as kit*
- Easy setup: comes fully pre-terminated and tested
- Telcordia GR-326-CORE compatible

*KIT INCLUDES:

- 1x Base cover
- 1x Front bracket with installed adapters
- 1x Set of ANSI/TIA-598 color coded pigtails matching connector type and fiber count
- 1x Set of splice holders matching fiber count with 265-SLV01-3A splice protection sleeves
- 1x Rear M12/PG7 cable gland adapter plate
- 2x blank rear adapter plates



DIMENSIONS & CONSTRUCTION

Width:	5.12 in. (130 mm)
Height:	1.14 in. (29 mm)
Depth:	5.12 - 5.7 in. (130 - 145 mm)
Weight:	Cassette box: 0.33 lbs (5.3 oz) Assembled: 0.44 lbs (7 oz) (varies based on configuration)
Front Adapter Construction:	One-piece design; Zirconia ceramic sleeves, split
Threaded Joints:	SI (metric)
Splicing:	One or two 12-position fusion-splice holders

COMPATIBILITY

LGX Mounting Hardware:	
Minimum rear depth space:	8 in. (200 mm) for enclosed units; 6.5 in. (160 mm) for open units

MATERIALS

Aluminum Alloy
Black powder coating
Panel Fasteners: nylon/ABS

MOUNTING

Overall Profile Dimensions:	1.18 in × 5.12 in (30 mm × 130 mm)
Mounting Opening Dimensions:	1.14 in × 4.06 in min. (29 mm × 103 mm)
Distance b/w Mounting Holes:	4.65 in. etc (118 mm)
Front Adapter Mounting:	Flush with cassette's front plane

MECHANICAL

Interfaces:	Front Adapters: SC SX, SC DX, LC SX, LC DX Rear Adapter: M12/PG7 cable gland [cable OD: 0.08 in–0.25 in (2 mm–6.5 mm)]
Insertion Loss (IL):	
MPO:	0.35 dB (low-loss SM); 0.7 dB (SM); 0.35 dB (low-loss MM); 0.6 dB (MM)
SC, LC:	0.3 dB or lower (when used with standard-compliant plugs)
Return Loss (RL):	
MPO:	0.35 dB (low-loss SM); 0.7 dB (SM); 0.35 dB (low-loss MM);
SC, LC:	UPC: ≥55 dB (when used with standard-compliant plugs) APC: ≥65 dB (when used with standard-compliant plugs)

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)

STANDARDS & COMPLIANCES

Telcordia GR-326-CORE
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)

Florida (HQ)
800-749-2447

California
951-696-7772

New York
845-391-8318

Texas
713-322-7242

verticalcable.com



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2 6 4 - M C S 0 - **A 9 0**

Fiber Type

1 OM1**3** OM3**4** OM4**U** SM UPC**A** SM APC

Fiber Count

08**12****16****24**

Connector

2 SC**3** LC

Item #	Description
264-MCS0312-3A90	Splicing LGX cassette LC Multimode OM3, 900 µm matching pigtail, sleeves, splice holder, 12-fiber
264-MCS0412-3A90	Splicing LGX cassette LC Multimode OM4, 900 µm matching pigtail, sleeves, splice holder, 12-fiber
264-MCS0U12-3A90	Splicing LGX cassette LC Singlemode SM UPC, 900 µm matching pigtail, sleeves, splice holder, 12-fiber
264-MCS0312-2A90	Splicing LGX cassette SC Multimode OM3, 900 µm matching pigtail, sleeves, splice holder, 12-fiber
264-MCS04122A90	Splicing LGX cassette SC Multimode OM4, 900 µm matching pigtail, sleeves, splice holder, 12-fiber
264-MCS0U12-2A90	Splicing LGX cassette SC Singlemode SM UPC, 900 µm matching pigtail, sleeves, splice holder, 12-fiber

EXAMPLE OF KITTING:

