



VERTICAL CABLE

DESCRIPTION

**Modular Connector Assemblies:
LGX Cassettes, MPO Pre-Connectorized,
Standard Loss**

FEATURES

- Mounting: Standard LGX footprint and mechanism
- Easy setup: comes fully pre-terminated and tested
- Low loss – MTP®-12 pinned (US Conec)
- Standard loss – MPO-12 pinned (SENKO)
- Telcordia GR-326-CORE compatible



LGX CASSETTES MPO PRE-CONNECTORIZED

264-MCA SERIES

DIMENSION & 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.)

Front Adapter Construction: One-piece design; Zirconia Ceramic

COMPATIBILITY

LGX Mounting Hardware:
Minimum rear depth space:

8 in. (200 mm) for enclosed units;
6.5 in. (160 mm) for open units

MOUNTING

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

MECHANICAL

Interfaces:

Front Adapters:	SC SX, SC DX, LC DX, LC QX
Plugs:	SC SX, LC SX
Rear Adapters:	MPO-12 Type A flanged
Plugs:	
Low Loss:	MTP®-12 pinned (US Conec)
Standard Loss:	MPO-12 pinned (SENKO)

Insertion Loss (assembled): 0.55 dB max

Plugs:

SC SM:	0.20 dB typ	0.25 dB max
SC MM:	0.12 dB typ	0.20 dB max
LC SM:	0.13 dB typ	0.20 dB max
LC MM:	0.17 dB typ	0.20 dB max
MPO SM:	0.10 dB typ	0.35 dB max
MPO MM:	0.10 dB typ	0.35 dB max

Return Loss:

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

This specification sheet is subject to change without notice.

VC fiber

Rev. 09/2026

NEED SOMETHING ELSE? USE CONFIGURATOR:

264-MCA0- -A- - -

Fiber Type

Fiber Count

Connector

Polarity

Loss

MPO

1 OM1

08

2 SC

A A

S Standard Loss

1 MPO1

3 OM3

12

3 LC

B B

L Low Loss

2 MPO2

4 OM4

16

C C

U SM UPC

24

A SM APC

Item #	Description
264-MCA0312-3AAS1	MPO Pre-connectorized LGX cassette LC Multimode OM3, Standard Loss, Type-A, 1x MPO, 12-fiber
264-MCA0412-3AAS1	MPO Pre-connectorized LGX cassette LC Multimode OM4, Standard Loss, Type-A, 1x MPO, 12-fiber
264-MCA0U12-3AAS1	MPO Pre-connectorized LGX cassette LC Singlemode UPC, Standard Loss, Type-A, 1x MPO, 12-fiber
264-MCA0312-2AAS1	MPO Pre-connectorized LGX cassette SC Multimode OM3, Standard Loss, Type-A, 1x MPO, 12-fiber
264-MCA0412-2AAS1	MPO Pre-connectorized LGX cassette SC Multimode OM4, Standard Loss, Type-A, 1x MPO, 12-fiber
264-MCA0U12-2AAS1	MPO Pre-connectorized LGX cassette SC Singlemode UPC, Standard Loss, Type-A, 1x MPO, 12-fiber

EXAMPLE OF KITTING:

264-MCA0U12-3AAS1: Breakdown of what's inside of the cassette.
Comes fully pre-terminated and tested. Instant Setup