VERTICAL CABLE

LGX CASSETTES
MPO PRE-CONNECTORIZED

264-MCA SERIES

DESCRIPTION

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

FEATURES

- Available Fiber Counts: 8, 12, 16 & 24
- 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

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

	Standard LGX footprint and mechanism
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 type | 0.25 dB max
SC MM:	0.12 dB type | 0.20 dB max
LC SM:	0.13 dB type | 0.20 dB max
LC MM:	0.17 dB type | 0.20 dB max
MPO SM:	0.10 dB type | 0.35 dB max
MPO MM:	0.10 dB type | 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

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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