



MTP to 12xLC | Method B | LGX Fiber Optic Fanout Cassette

MPO to LC Fiber Distribution Cassettes offer unsurpassed ease of installation. Each cassette contains a fanout assembly that transitions from a MPO 12 fiber connector to 6 LC duplex pairs. Cassettes are designed to be installed with LC Uniboot assemblies for the highest density available. Panel and cassette combination is capable of supporting 144 fibers in 1RU, 288 fibers in 2RU and 576 fiber in 4RU.

Designed & manufactured in Austin, Texas with the Carbon M2 printer

Specifications

Product Classification

Product Type	, 3D Printed Fiber Optic Patch Cassette, Fiber Distribution Cassette, Fiber Optic MTP to LC Fanout Cassette
Form Factor	118mm LGX Pin Spacing, Black
Application	To be used with Male/Male MTP trunk assemblies, MTP Fanout Cassette, MTP (f) to 12 x LCUPC
Cable Type	900um Simplex Corning SMF or Multimode OM3/OM4
Front Panel / Gender	12 x LCUPC Duplex Singlemode Adapter (Female)
Back Panel / Gender	1 x MTP Adapter (Female)

Performance & Physical Characteristics

	SM (OS1) - LC to MTP (dB)	MM (OM4) - LC to MTP (dB)
Maximum Insertion Loss per Channel	.75dB	.75dB
Typical Insertion Loss per Channel	.6dB	.6dB
Reflectance	-55	-30
Dimensions	12 x 6 x 2 in. 12 x 6 x 2 in.	12 x 6 x 2 in. 12 x 6 x 2 in.
Weight	1.6 lbs.	1.6 lbs.

Environmental Characteristics

	Minimum	Maximum	Units
Storage Temperature	-40	85	C
Humidity	5	95	% Relative
Bend Radius (BIXS)	15		mm
SM Optical Wavelength	1280	1625	nm
Radius of Curvature	7	25	mm
Apex Offset	0	50	um
Fiber Height	Fn (ROC)	100	nm
Angle	-0.2	0.2	degrees

Compliance

Made in USA / TAA-Compliant?	Yes
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