Ortronics

LM2 Cassette, 12 Fiber, LCA Duplex (6), Single-Mode (OS2) to 1 Meter, 900um Tight Buffer Pigtail

Part No. LM2-LAD12J-ZT1001M

The 12 Fiber LM2 LCA Tight Buffer Pigtail Cassette is designed to provide an efficient and organized solution for fiber optic terminations and splicing. With a focus on convenience, flexibility, and minimizing disruption to existing infrastructure, it offers a range of benefits that make it an ideal choice for many fiber optic installations. It can be used in data centers and telecom networks with existing fiber trunks or new multifiber cable. It comes pre-loaded with 12 LCA pigtails to be mounted in a fiber patch panel or rack for easy access. This setup allows for reduced splicing errors and faster deployment.

Features & Benefits

Streamlined Installation: Factory-prepared pigtails reduce the need for extensive field termination, simplifying deployment and minimizing installation time.

Fusion Splice Ready: The tight-buffered fiber design provides easy handling and precise fiber alignment, enabling consistent and straightforward splicing for individual terminations.

LC adapter with internal shutter: Ensures eye safety by blocking laser light when the connector is removed. Automatic shutter requires no manual handling. Compatible with LC connectors, keeps the interior clean, and allows visible light to pass through.

Optimized Performance – Minimal Loss: Fusion splicing at the installation point reduces connection loss by eliminating extra interfaces, preserving optical headroom and maintaining signal integrity across the network.

Front or Rear Mounting: Simplify installation by mounting from the front or rear of the enclosure panel

Specifications

General Info

Product Family / Series / Group	LM2	Product Line	Ortronics
Color	Green	UPC Number	662875109051
Country Of Origin	Mexico	Material	Thermoplastic
Product Type	Fiber Module	Features	Shuttered
Included	Cover	Application Sector	Commercial, Data Center
Standard	RoHS	Warranty Type	5-Year

Dimensions

Product Width US	4.22 in	Product Weight US	1.0 lb
Product Depth US	5.44 in	Product Height US	1.03 in

Product Length US	1.0 m

Listing Agencies / 3rd Party Agencies

CE Certified	Yes	REACH Compliant	Yes

Additional Information

RoHS Compliant	Yes	Energy Savings	No

Technical Information

Fiber Optic Cable Type	OS2	Operating Temperature Min	0 °C
Compatibility	Q-Series SD Enclosure, RFP SD Panels	Rack Units	1 U
Number of Ports	12	Alignment Sleeve Material	Zirconia
Simplex/Duplex	Duplex	Polarity Type	Universal
Operating Temperature Max	70 °C	Shuttered Adapters	Yes
Return Loss	65 dB	Single/Multimode	Single-Mode
Number of Fibers	12	Connector 2	LC
Connector 1	Blunt	Performance Level/Tier	Core
Operating Temperature	0°-70°C, 32°-158°F	Durability	500 matings
Operating Humidity	0-80% RH (Non-Condensing)	Maximum Insertion Loss	0.3 dB
Connectivity Footprint	Q-Series Standard Density	Typical Insertion Loss	0.1 dB
Storage Temperature	-40° - 75° C		