



The 12 Fiber LM2 LC 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 LC 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 Line	Ortronics	Color	Aqua
UPC Number	662875109037	Country Of Origin	Mexico
Material	Thermoplastic	Features	Shuttered
Included	Cover	Application Sector	Commercial, Data Center
Standard	RoHS	Warranty Type	5-Year
Type	Pigtail Cassette		

Dimensions

Product Width US	4.22 in	Product Weight US	1.0 lb
Product Depth US	5.37 in	Product Height US	1.03 in

Product Length US	1.0 m
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Listing Agencies / 3rd Party Agencies

CE Certified	Yes	REACH Compliant	Yes
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Additional Information

RoHS Compliant	Yes	Energy Savings	No
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Technical Information

Fiber Optic Cable Type	OM3, OM4	Operating Temperature Min	0 °C
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Compatibility	LM2	Rack Units	1 U
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Number of Ports	12	Alignment Sleeve Material	Zirconia
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Simplex/Duplex	Duplex	Polarity Type	Universal
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Operating Temperature Max	70 °C	Shuttered Adapters	Yes
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Return Loss	19 dB	Single/Multimode	Multimode
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Number of Fibers	12	Connector 2	MPO Female
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Connector 1	LC Female	Performance Level/Tier	Core
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Operating Temperature	0°-70°C, 32°-158°F	Durability	500 matings
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Operating Humidity	0-80% RH (Non-Condensing)	Maximum Insertion Loss	0.3 dB
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Connectivity Footprint	Q-Series Standard Density	Typical Insertion Loss	0.1 dB
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Storage Temperature	-40° - 75° C
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