

**LinkIT MTP Cassette OS2 AF 2x12xLC**

low loss AF | 2xMPO connector | 2x12 LC

Product number: LI-MTP2x12LC-OS2AF

Product Description

The LinkIT LI-MTP2x12LC-OS2AF is a high-performance OS2 singlemode fiber cassette designed for high-density data center, telecom, and distribution panel installations. It features two rear 12-fiber MTP Male connectors (USCONEC) and twelve LC Duplex front adapters, supporting 24 individual fiber channels in a compact form factor (98.6 × 146 × 27 mm).

Built with durable black plastic housing, the cassette is factory pre-terminated and tested with insertion loss values of <0.35 dB (MTP) and <0.15 dB (LC), ensuring high signal integrity and return loss >55 dB. Both connectors are APC-polished to minimize reflectance. It is optimized for OS2 singlemode applications requiring low loss and high reliability.

Main Specifications

Brand	LinkIT
Measurements (WxHxD)	98.6 × 146 × 27 mm
Polishing contact 1	APC
Polishing contact 2	APC
Material	Plastic
Number of fibers	12
Fibreclass	OS2
Number of outputs	24
Type of inputs	LC Duplex
Polarity Type	A



Extended Specifications


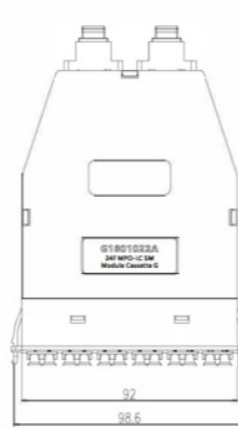
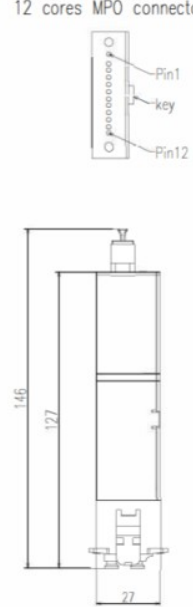
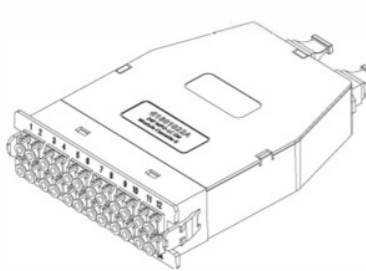
Input	2x MTP Male
Front Connector	12x LC Duplex
Insertion Loss Front Connector	<0.15dB
Return Loss Front Connector	>55dB
Rear Connector	2x MTP Male (USCONEC)
Insertion Loss Rear Connector	<0.35dB
Return Loss Rear Connector	>55dB
Front Adapter	12x LC Duplex Adaptere
Rear Adapter	MTP Male
Certifications	REACH, RoHS

Dimensional Sketches



Specification Document

Name	MPO Cassette	Model	LI-MTP2x12LC-052/F	Document NO.	SD-D29909-ENG	Version	REV.01
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