



LinkIT MTP Cassette OS2 AF 12xLC

low loss AF | 1xMPO connector | 12 LC

Product number: LI-MTP12LC-OS2AF

Product Description

The LinkIT OS2 APC fiber cassette is pre-terminated and equipped with 1xMTP Male (USConec) connector at the rear and 6x LC Duplex adapters at the front (12 fibers). Built in black plastic, it features APC polishing with low insertion loss (<0.35 dB) and high return loss. The use of genuine USConec MTP connectors ensures maximum performance, precise alignment, and high reliability in singlemode installations. Designed for easy integration with LinkIT MF HD panels.

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	12
Type of inputs	LC Duplex
Polarity Type	A

Extended Specifications

Input	1x MTP Male
Front Connector	6x LC Duplex



Insertion Loss Front Connector	<0.15dB
Return Loss Front Connector	>55dB
Rear Connector	1x MTP Male (USCONEC)
Insertion Loss Rear Connector	<0.35dB
Return Loss Rear Connector	>55dB
Front Adapter	6x LC Duplex Adaptere
Rear Adapter	MTP Male
Certifications	REACH, RoHS

FMOM Documentation

Pre-terminated OS2 cassette with APC polish. 1x MTP Male to 6x LC Duplex adapters. Suitable for 12 fiber connections. Designed for LinkIT MF HD panels. Compact format, black plastic, high return loss, and low insertion loss.

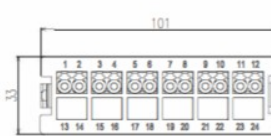
Dimensional Sketches



Specification Document

Name	MPO Cassette	Model	LI-MTP12LC-052AF	Document NO.	SD-D29909-ENG	Version	REV.01
A	Port	Standard	Standard				
	MPO END	1330mm	1330mm				
	LC END	1330mm	1330mm				
	MPO LC Link Data	1330mm	1330mm				
	MPO LC Link Data	1330mm	1330mm				
B	Port	Standard	Standard				
	MPO END	1330mm	1330mm				
	LC END	1330mm	1330mm				
	MPO LC Link Data	1330mm	1330mm				
	MPO LC Link Data	1330mm	1330mm				
C	Port	Standard	Standard				
	MPO END	1330mm	1330mm				
	LC END	1330mm	1330mm				
	MPO LC Link Data	1330mm	1330mm				
	MPO LC Link Data	1330mm	1330mm				
D	Port	Standard	Standard				
	MPO END	1330mm	1330mm				
	LC END	1330mm	1330mm				
	MPO LC Link Data	1330mm	1330mm				
	MPO LC Link Data	1330mm	1330mm				
E	Port	Standard	Standard				
	MPO END	1330mm	1330mm				
	LC END	1330mm	1330mm				
	MPO LC Link Data	1330mm	1330mm				
	MPO LC Link Data	1330mm	1330mm				

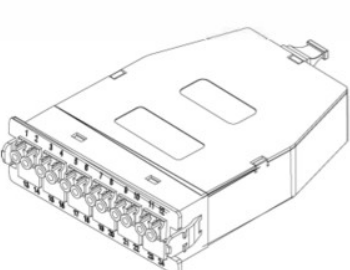
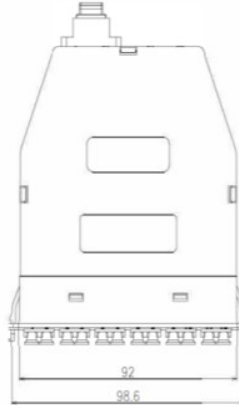
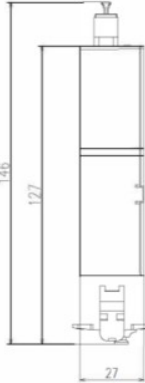
12 cores MPO connector



Pin1
key
Pin12

Polarity AF

LC	MPO(PIN)	Fiber colour
2	1	Blue
1	2	Orange
4	3	Green
3	4	Brown
6	5	Gray
5	6	White
8	7	Red
7	8	Black
10	9	Yellow
9	10	Violet
12	11	Pink
11	12	Aqua

Product description:

- MPO Cassette Material: Plastic;
- Colour: Black or Transparent black.
- Apply to LI-HDP1U-96C-MPO.

