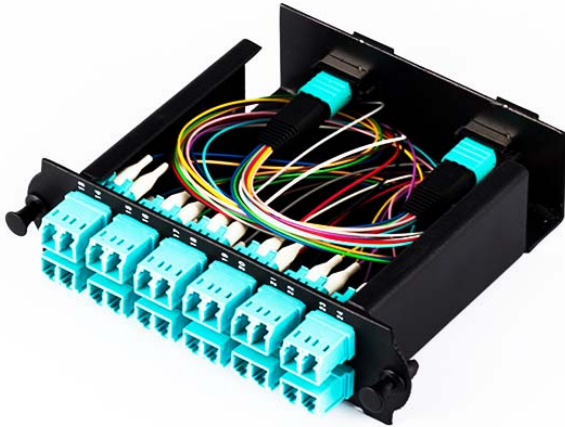


MPO/MTP Cassette Module



Overview

The Sourcelight MPO / MTP Cassette Modules provide secure transition between MPO / MTP and LC or SC discrete connectors.

They provide a quick, reliably, high performance and efficient way to deploy up to 24 LC or 12 SC fiber ports in a single module. The Modules can be mounted in 1U, 2U, 3U or 4U 19" multi-slot chassis. They are available in Multi-mode and Single-mode cable.

Technical Specification

MPO / MTP Termination:

Type	Single-mode (APC polish)		Single-mode (PC polish)		Multi-mode (PC polish)	
Fiber count	4,8,12, 24 ,48 etc.		4,8,12, 24,48 etc.		4,8,12, 24,48 etc.	
Fiber type	G652D,G657A1, etc.		G652D,G657A1, etc.		62.5/125,OM2,OM3,OM4, etc.	
Maximum Insertion Loss	Elite / Low Loss	Standard	Elite / Low Loss	Standard	Elite / Low Loss	Standard
	≤0.35 dB	≤0.70 dB	≤0.35 dB	≤0.70 dB	≤0.35 dB	≤0.5 dB
	0.25 dB Typical	0.5 dB Typical	0.25 dB Typical	0.5 dB Typical	0.2 dB Typical	0.35 dB Typical
Return Loss	≥55 dB		≥45 dB		≥20 dB	
Durability	≥200 times		≥200 times		≥200 times	
Test Wavelength	1310nm / 1550nm		1310nm / 1550nm		850nm / 1300nm	

** 48F MPO/MTP Multi-mode IL ≤1.0 dB, RL ≥20 dB

Features

- ◆ High-density and small design, Easy and fast installation.
- ◆ Available in 12 / 24 / 48 fiber versions.
- ◆ Field connections with guaranteed quality and simplifies fiber routing.
- ◆ Modular system management, easy reconfiguration for moves, adds, and changes.
- ◆ Customized fiber polarity in the module.

Applications

- ◆ Data Centre Infrastructure.
- ◆ High Density Fiber Management.
- ◆ Telecommunications networks and Broadband / CATV networks.
- ◆ LAN/WAN Premises

Datasheet

Generic Connector Termination:

Type	Single-mode (APC polish)		Single-mode (UPC polish)		Multi-mode (UPC polish)	
Fiber type	G652D,G657A1, etc.		G652D,G657A1, etc.		62.5/125,OM2,OM3,OM4, etc.	
Maximum Insertion Loss	Low Loss	Standard	Low Loss	Standard	Low Loss	Standard
	≤0.1 dB	≤0.30 dB	≤0.1 dB	≤0.30 dB	≤0.1 dB	≤0.30 dB
	0.05 dB Typical	0.25 dB Typical	0.05 dB Typical	0.25 dB Typical	0.05 dB Typical	0.25 dB Typical
Return Loss	≥60 dB		≥50 dB		≥25 dB	
Durability	≥500 times		≥500 times		≥500 times	
Test Wavelength	1310nm / 1550nm		1310nm / 1550nm		850nm / 1300nm	

Packing

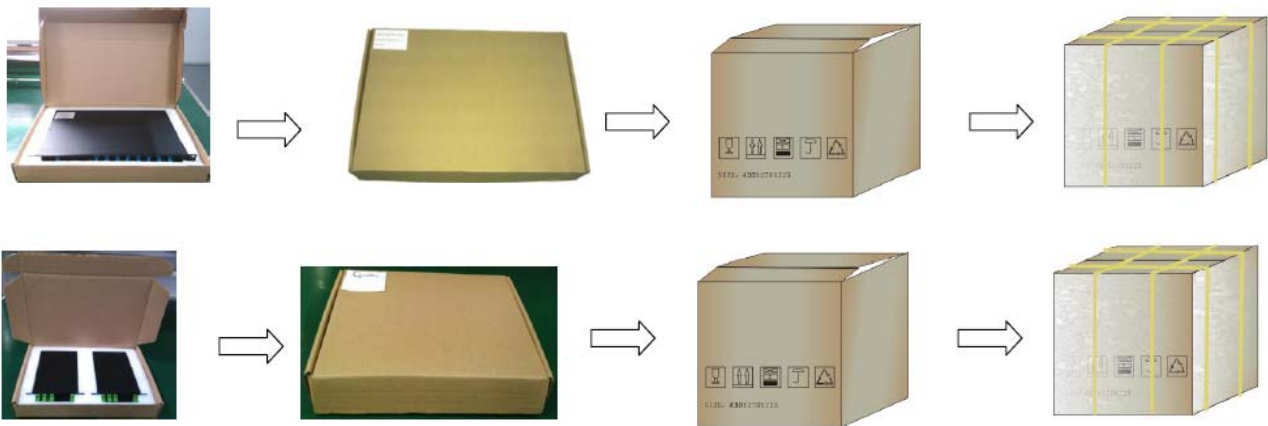


Figure1. packing

Shenzhen Sourcelight Technology Co., Ltd

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