



## MTP/MPO-LC Transition Module, G-Series

### Description

The transition module converts the backbone optical fiber MTP/MPO connection into LC connection in the front of the module, allowing the LC patch cords to be connected with nearby operating equipment. Normally it is used for low data rates, such as 1G, 10G and 16G, but also help users to upgrade the LC-based links in the future simply by replacing it with a MTP/MPO-based module, patching module, or conversion harness

### Features & Benefits

- MTP/MPO to LC conversion
- Fast and toolless installation
- 1 MTP/MPO to 6 LC Duplex adaptors
- SM, OM3, OM4, OM5 fiber available
- High performance LC adaptors with color identification
- Different colors of adaptors shell to show the link level
- UL94-V0

### Compliance & Standards

- ISO/IEC 11801-5
- ISO/IEC 24764
- ANSI/TIA-942-A/B
- EN 50173-5

### Drawing



### Applications

- Data Center
- Telecommunication Infrastructure



MTP/MPO-LC Transition Module, G-Series

Product Specifications

Application	G-series High Density Optical Fiber Patch Panel		
Dimension (Width x Depth x Height)	MD4	97x160x12mm	
	MD7	197x160x12mm	
Material	PC/ABS		
Color	Black		
Adapter Type	LC Duplex or MTP/MPO		
Adapter Quantity	6pcs or 12pcs of LC Duplex, 1pc or 2pcs of MTP/MPO		
Adaptor Color	LC Single Mode	Blue	
	LC OM3	Aqua	
	LC OM4	Violet	
	LC OM5	Lemon Green	
	MPO	Black	
Shell Material	Black PC/ABS		
Ferrule Material	LC: Zirconia Ceramic; MTP/MPO: Composite Material		
Operating Temperature (°C)	-10~60		
Durability	MPO ≥100 times		
	LC ≥1000 times		
Capacity	Up to 12 Modules		
Density	MPO Insertion Loss (dB)	LC Insertion Loss (dB)	Return Loss (dB)
Single Mode APC	Std<0.7, ULL<0.35	Std<0.3, ULL<0.25	>50
OM3	Std<0.35, ULL<0.25	Std<0.25, ULL<0.15	>20
OM4	Std<0.35, ULL<0.25	Std<0.25, ULL<0.15	>20
OM5	Std<0.35, ULL<0.25	Std<0.25, ULL<0.15	>20



## MTP/MPO-LC Transition Module, G-Series

## Ordering Information

Part No.	Description	
VR-F-GMPO/A/B-CD-E-F	MTP/MPO-LC Transition Module, G-series	
A	Connector Type	None=PC, APC=APC
B	Connector Gender	None=Female, M=Male
C	Connector	MD4=12 Core MPO to 12 Core LC Transition Module MD7=24 Core MPO to 24 Core LC Transition Module
D	Fiber Type	SM, OM3, OM4, OM5
E	Polarity	None=A Polarity, B= B Polarity, C=C Polarity Z= Z (Universal Polarity)
F	Insertion Loss	None=Standard, U=ULL

Example: VR-F-GMPO-MD4OM3-Z

Product Name: 12 Core MPO-LC Transition Module, Female, OM3, Polarity Z, ULL