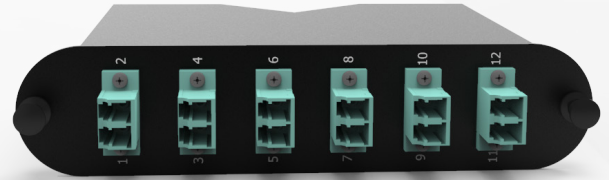


# MTP® MODULES

## Keyed



Pre-terminated MTP® modules provide a low loss transition from trunk cables to duplex patch cords. All modules are manufactured using enhanced optical fiber and low loss connectors. Each unit is factory tested through the finished module for guaranteed low loss performance in any network. Test data reflects the module's combined single fiber with MTP® connector loss. DMSI standard performance modules are a .55dB max IL combined loss while the ultra low loss offering is a maximum .35dB. Both of which exceed all industry standards.



## FEATURES

- Multiple family specifications for network compatibility
- LC connectors available in shuttered and non-shuttered options
- Multiple polarity types
- Many connector and fiber type options

## SPECIFICATIONS

<b>Product Type</b>	Keyed MTP® Module
<b>Fiber Category</b>	Single-mode OS2 / 50µm Multimode OM3 / OM4 / OM5
<b>Fiber Count</b>	12F / 24F
<b>Connector Type</b>	Keyed LC Duplex
<b>Connectivity Type</b>	Classic / LGX Compatible / PRM
<b>Connector Color</b>	Blue / Orange / Green / Brown / Slate / White / Red / Black / Yellow / Violet / Rose / Aqua / Lime Green
<b>Polarity Type</b>	Type A / Type B / Type C



# MTP® MODULES

## Keyed



### PART NUMBER CONFIGURATOR

<b>(XX)</b>	Replace (XX) with Fiber Count 12 or 24
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<b>(Z)</b>	Replace (Z) with Fiber Type
Y	Single-mode OS2
F	62.5µm OM1
E	50µm OM2
G	50µm OM3
M	50µm OM4
W	50µm OM5 (WBMMF)

MTP® PINNED TO DMSI KEYED LC MTP® MODULE, LOW LOSS			
Part # (Classic)	Part # (LGX Compatible)	Part # (PRM)	Color
DDAFCC-(XX)(A)-3B-46	DDAFCX-(XX)(A)-3B-46	DDAFCP-(XX)(A)-3B-46	Blue
DDAFCC-(XX)(A)-3N-46	DDAFCX-(XX)(A)-3N-46	DDAFCP-(XX)(A)-3N-46	Orange
DDAFCC-(XX)(A)-3G-46	DDAFCX-(XX)(A)-3G-46	DDAFCP-(XX)(A)-3G-46	Green
DDAFCC-(XX)(A)-3W-46	DDAFCX-(XX)(A)-3W-46	DDAFCP-(XX)(A)-3W-46	Brown
DDAFCC-(XX)(A)-3T-46	DDAFCX-(XX)(A)-3T-46	DDAFCP-(XX)(A)-3T-46	Slate
DDAFCC-(XX)(A)-3H-46	DDAFCX-(XX)(A)-3H-46	DDAFCP-(XX)(A)-3H-46	White
DDAFCC-(XX)(A)-3R-46	DDAFCX-(XX)(A)-3R-46	DDAFCP-(XX)(A)-3R-46	Red
DDAFCC-(XX)(A)-3K-46	DDAFCX-(XX)(A)-3K-46	DDAFCP-(XX)(A)-3K-46	Black
DDAFCC-(XX)(A)-3Y-46	DDAFCX-(XX)(A)-3Y-46	DDAFCP-(XX)(A)-3Y-46	Yellow
DDAFCC-(XX)(A)-3V-46	DDAFCX-(XX)(A)-3V-46	DDAFCP-(XX)(A)-3V-46	Violet
DDAFCC-(XX)(A)-3S-46	DDAFCX-(XX)(A)-3S-46	DDAFCP-(XX)(A)-3S-46	Rose
DDAFCC-(XX)(A)-3A-46	DDAFCX-(XX)(A)-3A-46	DDAFCP-(XX)(A)-3A-46	Aqua

For other polarity types, please contact sales or customer service.



# MTP® MODULES

## Keyed



## CONNECTOR PERFORMANCE SPECIFICATIONS

CONNECTOR TYPE	TYPICAL IL PERFORMANCE	MAX IL PERFORMANCE
Single-mode LC	0.13 dB	0.20 dB
Single-mode MTP®	≤ 0.07 dB	≤ 0.15 dB
Multimode LC	0.17 dB	0.20 dB
Multimode MTP®	≤ 0.07 dB	≤ 0.15 dB

## COMPLIANCES

### CONNECTOR COMPLIANCES

- LC Connectors, TIA/EIA-604-10
- MPO (including MTP®), TIA/EIA-604-5

### MPO COMPLIANCES

- Meets IEC Standard 61754-7
- Structured cabling per TIA-568-C
- Parallel Optics
- Optical Internetworking Forum (OIF) Compliant
- Infiniband Compliant
- 10G Fiber Channel Compliant
- 40G and 100G IEEE 802.3
- SNAP 12
- POP 4
- QSFP
- CXP

