

## DATA SHEET

### MODULETEK: MPO/APC-MPO/APC-F-B-0-aa-Φ3-G652D-LSZH-aM-MIC

#### Introduction

MTP/MPO optical cable jumper is used for 40g/100g/200g/400g data center wiring. Moduletek provides customized MTP/MPO jumpers that are 100% tested for optimum performance and reliability.

#### Product Features

Polarity: Type B

Ultra low insertion loss

Number of available fiber cores: 8、12、16、24

MPO connector type: female

Fiber type: SM (G652D)

Cable Sheath Type: LSZH

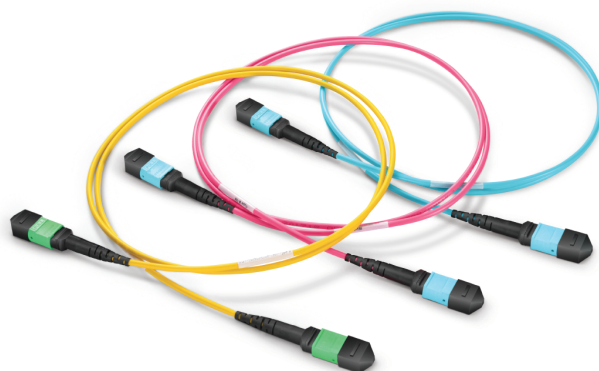
Connector type: MPO, APC polished

Cable length: 1 to 999 meters

Improve and simplify fiber routing and reduce fiber management space

#### Applications

- Data Center Interconnect
- High-Density Cross Connect
- Backbone Installations
- Telecommunication Networks
- Broadband/CATV Networks
- Test Labs
- LAN/WAN



## Ordering Information

Part Number	Description	Cable color
MPO/APC-MPO/ APC-F-B-0-8-Φ3-G652D-LSZH-aM-MIC	8-core MPO(female) single-mode G652D trunk fiber jumper,polarity B,LSZH	Yellow
MPO/APC-MPO/ APC-F-B-0-12-Φ3-G652D-LSZH-aM-MIC	12-core MPO(female) single-mode G652D trunk fiber jumper,polarity B,LSZH	Yellow
MPO/APC-MPO/ APC-F-B-0-16-Φ3-G652D-LSZH-aM-MIC	16-core MPO(female) single-mode G652D trunk fiber jumper,polarity B,LSZH	Yellow
MPO/APC-MPO/ APC-F-B-0-24-Φ3-G652D-LSZH-aM-MIC	24-core MPO(female) single-mode G652D trunk fiber jumper,polarity B,LSZH	Yellow
<b>Note:</b> 1."a"represents the length of the cable in meters		
<b>For More Information:</b> ModuleTek Limited Web: <a href="http://www.moduletek.com">www.moduletek.com</a> Email: <a href="mailto:sales@moduletek.com">sales@moduletek.com</a>		

## General Technical Specifications

Item	Unit	Parameter				
		SM(Standard)	SM(Elite/Low)	MM(Standard)	MM(Elite/Low)	
Optical fiber mode	–	SM(Standard)	SM(Elite/Low)	MM(Standard)	MM(Elite/Low)	
Insertion Loss	Typical	dB	0.35	0.20	0.35	0.20
	Maximun	dB	0.75	0.35	0.60	0.35
Return Loss	dB	≥60 for APC (8 Angle Polish)		≥20 for PC/UPC		
	dB	≥50 for PC/UPC		–		
Male/Female	–	Male: With Pins, Female: Without Pins				
Tensile Strength	dB	≤0.3(Max 66N)				
Vibration	dB	≤0.3(10 ~ 55Hz)				
Temperature Cycle	dB	≤0.3 (-40 ~ 75°C, 21Cycles)				