

## DATA SHEET

### MODULETEK: MPO/APC-LC-F-0-8-Φ3-G652D-LSZH-aM/aaM-MIC

#### Introduction

Optical cable assembly for 40G(4x10G), 100G(4x25G), 200G(4x50G) and 400G(4x100G) branch data center interconnection. MODULETEK offers a variety of fiber optic cable and connector combinations, including connector types, branch configurations and jacket materials.

#### Product Features

Ultra low insertion loss

Number of fiber cores: 8

MPO connector type: female

Fiber type: SM(G652D)

Cable Sheath Type: LSZH

Fan-out length: 0.5 meters, can be customized

Connector type: MPO, APC polished

Single fiber connector type: LC, PC/UPC polished type

Cable length: 1 to 999 meters

Improve and simplify fiber routing and reduce fiber management space

#### Applications

- Data Center Interconnect
- Backbone Installations
- Telecommunication Networks
- Broadband/CATV Networks
- LAN/WAN



## Ordering Information

Part Number	Description	Cable color
MPO/APC-LC-F-0-8-Φ3-G652D-LSZH-aM/aaM-MIC	8-core MPO(female)-4*LC/UPC duplex single-mode G652D branch fiber jumper,polarity B, LSZH	Yellow
<b>Note:</b> 1."a" represents the length of the cable in meters 2."aa" indicates the branch length in meters.If the customer does not specify a branch length,the company defaults to a branch length of 0.5m		
<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			
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)			