



## OM5 Product Series



### Description

The OM5 fiber has been approved as a new multimode optical fiber for high-speed data center applications. and is designed to support at least four low-cost wavelengths in the 850-950 nm range, enabling optimal support of emerging Shortwave Wavelength Division Multiplexing (SWDM) applications that reduce parallel fiber count by at least a factor of four to allow continued use of just two fibers (rather than eight) for transmitting 40 Gb/s and 100 Gb/s and reduced fiber counts for higher speeds. SWDM has many applications in Data Centers and other applications.OM5 cabling fully compatible and intermateable with OM3 and OM4 cabling. The related OM5 patchcord, Cassette and Panels has attracted wide attention in the industry, and the patchcord cover also all type of fiber connectors

### Application

- Telecommunication networks
- Data Center
- CATV , and Multimedia
- Optical switch interframe connection
- Asynchronous Transmission Mode (ATM)
- Local Area Networks (LANs)

### Features

- Wavelength range 850-953 nm
- Low insertion loss and back reflection loss
- High precision alignment
- Good exchangeability
- High temperature stability
- Compatible with OM3 and OM4 patchcord

### Product Information

Item	Specification
Fiber Type	OM5(50 μm multimode fiber)
Wavelength range	850-953 nm
Jacket Color	Lime Green
Furcation Color	Lime Green
Connector Type	MPO/MTP/LC/SC/FC/customized
Connector Color	customized
Regulatory Compliance	IEC 60793-2-10 /TIA-492AAAE/RoHS/ISO9001
Operating Temperature	-40 to + 85°C

### Cassette and Adapter



DX LC Adapter for OM5



MPO- LC Cassette for OM5

