

## OM5 Product Series



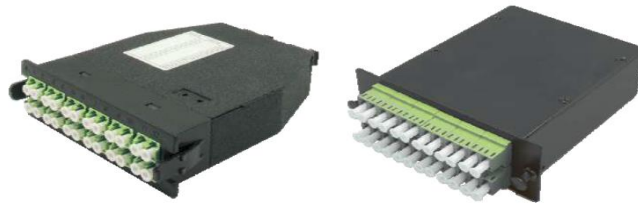
### Description

OM5 is the designation given to a new type of fiber optic glass intended for use with Short Wave Division Multiplexing (SWDM). Currently the wavelength of 850nm is utilized by Vertical Cavity Surface Emitting Lasers (VCSELS) to send light down a pair of fiber optic strands for applications such as gigabit Ethernet and 10 gigabit Ethernet. In addition to 850nm, SWDM(OM5) would use 880nm, 910nm and 940nm, so spacing out the four different wavelengths will permit the transceiver to increase its capacity by at least a factor of four, that is, fourfold data-rate increase. SWDM(OM5) will enable 40G and 100G over fewer fiber strands than previous methods of transmitting light.

### Casset and Adapter



DX LC Adapter for OM5



MPO-LC Cassette for OM5

### Application

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

### Features

- Wavelength : 850-950 nm
- Low Insertion Loss and High Reflection Loss
- High Precision Alignment
- High Exchangeability
- Stability in High Temperature
- Adaptable to OM3 and OM4

## Product Information

Item	Specifications
Fiber	OM5(50 um multi-mode fiber)
Wavelength	850-950 nm
Cable Color	Light Green
Furcation Color	Light Green
Connector Type	MPO / MTP / LC / SC / FC / Customized order
Standard	IEC 60793-2-10 / TIA-492AAAE/RoHS/ISO9001
Operation Temp.	-40 to +85°C