

## OM3 Fibre Leads

CERTECH's bend insensitive multi-mode fibre complies with or exceeds ISO/IEC 11801 OM3/4 specification, IEC 60793-2-10 type A1a.2 & type A1a.3 (in preparation) Optical Fibre Specification, and TIA/EIA-492AAAC/492AAAD detail specification.

### FEATURES:

- Very low macro-bending sensitivity
- Fibre can be installed in loops as small as 7.5mm radius with less than 0.2dB bending loss at both 850nm & 1300nm
- Low micro-bending sensitivity
- Specifically designed for 10Gb/s Ethernet applications using low cost 850nm VCSEL's
- Supports 40 & 100 Gb/s applications
- Low differential mode delay (DMD)
- Low attenuation
- Coated with a dual layer UV curable acrylate

### BENEFITS

- This fibre is easier to handle & install without excessive care when storing the fibre, for example, in splicing cassettes
- Supports installation with small cable bend radii and compact organisers
- Facilitates jumper moves, adds and changes
- Optimised performance in tight-buffer cable applications
- High resistance to micro-bending
- Stable performance over a wide range of environmental conditions

### APPLICATIONS

- Central offices
- Data centres
- High performance computing centres
- Local Area Networks (LAN)
- Storage Area Networks (SAN)

SPECIFICATIONS	
Fiber Count:	Duplex (2 Core)
Cable Diameter:	2.0mm
Cable Jacket:	LSZH
Jacket Colour:	Aqua
Fibre Mode:	OM3 50/125um
Insertion Loss:	«0.3dB
Return Loss:	»35dB
Fiber Grade:	Bend Insensitive
Minimum Bend Radius:	7.5mm
Wavelength:	850nm/1300nm
Attenuation @ 850nm:	3.0dB/km
Attenuation @ 1300nm:	1.0dB/km
Polarity:	A(Tx) to B(Rx)
Operating Temperature:	-40~75°C
Storage Temperature:	-45~85°C



Part Number	Description	Connector & Polish Type
FPL-LCLCOM3-0.5	LC-LC OM3 Duplex Fibre Patch Lead 0.5m	LC UPC to LC UPC
FPL-LCLCOM3-1	LC-LC OM3 Duplex Fibre Patch Lead 1m	LC UPC to LC UPC
FPL-LCLCOM3-10	LC-LC OM3 Duplex Fibre Patch Lead 10m	LC UPC to LC UPC
FPL-LCLCOM3-15	LC-LC OM3 Duplex Fibre Patch Lead 15m	LC UPC to LC UPC
FPL-LCLCOM3-2	LC-LC OM3 Duplex Fibre Patch Lead 2m	LC UPC to LC UPC
FPL-LCLCOM3-3	LC-LC OM3 Duplex Fibre Patch Lead 3m	LC UPC to LC UPC
FPL-LCLCOM3-5	LC-LC OM3 Duplex Fibre Patch Lead 5m	LC UPC to LC UPC
FPL-LCSCOM3-0.5	LC-SC OM3 Duplex Fibre Patch Lead 0.5m	LC UPC to SC UPC
FPL-LCSCOM3-1	LC-SC OM3 Duplex Fibre Patch Lead 1m	LC UPC to SC UPC
FPL-LCSCOM3-10	LC-SC OM3 Duplex Fibre Patch Lead 10m	LC UPC to SC UPC
FPL-LCSCOM3-15	LC-SC OM3 Duplex Fibre Patch Lead 15m	LC UPC to SC UPC
FPL-LCSCOM3-2	LC-SC OM3 Duplex Fibre Patch Lead 2m	LC UPC to SC UPC
FPL-LCSCOM3-3	LC-SC OM3 Duplex Fibre Patch Lead 3m	LC UPC to SC UPC
FPL-LCSCOM3-5	LC-SC OM3 Duplex Fibre Patch Lead 5m	LC UPC to SC UPC
FPL-LCSTOM3-0.5	LC-ST OM3 Duplex Fibre Patch Lead 0.5m	LC UPC to ST
FPL-LCSTOM3-1	LC-ST OM3 Duplex Fibre Patch Lead 1m	LC UPC to ST
FPL-LCSTOM3-2	LC-ST OM3 Duplex Fibre Patch Lead 2m	LC UPC to ST
FPL-LCSTOM3-3	LC-ST OM3 Duplex Fibre Patch Lead 3m	LC UPC to ST
FPL-LCSTOM3-5	LC-ST OM3 Duplex Fibre Patch Lead 5m	LC UPC to ST
FPL-SCSCOM3-0.5	SC-SC OM3 Duplex Fibre Patch Lead 0.5m	SC UPC to SC UPC
FPL-SCSCOM3-1	SC-SC OM3 Duplex Fibre Patch Lead 1m	SC UPC to SC UPC
FPL-SCSCOM3-10	SC-SC OM3 Duplex Fibre Patch Lead 10m	SC UPC to SC UPC
FPL-SCSCOM3-15	SC-SC OM3 Duplex Fibre Patch Lead 15m	SC UPC to SC UPC
FPL-SCSCOM3-2	SC-SC OM3 Duplex Fibre Patch Lead 2m	SC UPC to SC UPC
FPL-SCSCOM3-3	SC-SC OM3 Duplex Fibre Patch Lead 3m	SC UPC to SC UPC
FPL-SCSTOM3-5	SC-ST OM3 Duplex Fibre Patch Lead 5m	SC UPC to ST
FPL-SCSTOM3-0.5	SC-ST OM3 Duplex Fibre Patch Lead 0.5m	SC UPC to ST
FPL-SCSTOM3-1	SC-ST OM3 Duplex Fibre Patch Lead 1m	SC UPC to ST
FPL-SCSTOM3-2	SC-ST OM3 Duplex Fibre Patch Lead 2m	SC UPC to ST
FPL-SCSTOM3-3	SC-ST OM3 Duplex Fibre Patch Lead 3m	SC UPC to ST
FPL-SCSTOM3-5	SC-ST OM3 Duplex Fibre Patch Lead 5m	SC UPC to ST