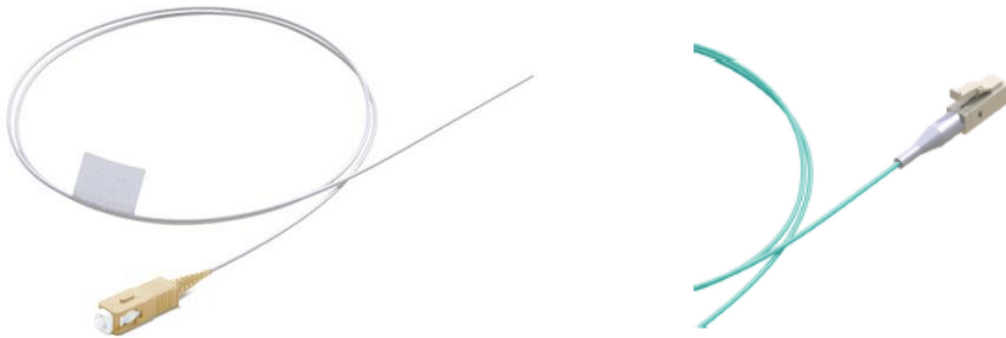


Pigtail multimode OM1, OM2, OM3, OM4



Pigtail multimode

Multimode pigtails are used to connect high speed networks like gigabit ethernet, fast ethernet and ethernet. The multimode pigtail buffer conforms to IEC, EIA TIA or Telcordia standards. The multimode pigtails are terminated with standard connector which gives optimum optical performance.

Features

- SC, LC, ST and FC Connectors
- Low smoke zero halogen (LSZH) buffer
- 900µm tight buffer or easy strip structure
- Multimode fibre conforms to ITU-G651.1, TIA/EIA 492 AAAB
- Different connector performance range for specific application
- Available in standard 12 colours as per IEC 60304
- Available in standard and blister packing
- REACH, RoHS & SvHC materials compliant

Applications

- Networks including Ethernet, Fast Ethernet and Gigabit Ethernet
- Internal inter-connect
- Ideal for a wide range of telecom. Datacom and process control where ruggedization is required
- Suitable for repeated handling in patch panels and racks



Specifications

Connector Specifications

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25dB IEC	61300-3-4
Ave/Master	0.15dB IEC	61300-3-4
Ave/Random	0.20dB IEC	61300-3-34

Note: Return Loss >28dB based on sample data using method IEC 61300-3-6

Cable Specifications

CHARACTERISTICS	UNITS	SIMPLEX
Crush	N/100mm	500
Operating Temperature	°C	-20 to 60
Nominal buffer Diameter	µm	900 +/- 50
Max Tensile Load	N	6

Fibre Specifications

CHARACTERISTICS OM1

Attenuation (dB / km)	3.0 @ 850nm / 0.8 @ 1300nm
Bandwidth OFL (MHz x km)	200 @ 850nm / 500 @ 1300nm

CHARACTERISTICS OM2

Attenuation (dB / km)	2.8 @ 850nm / 0.8 @ 1310nm
Bandwidth OFL (MHz x km)	500 @ 850nm / 500 @ 1310nm

CHARACTERISTICS OM3

Attenuation (dB / km)	2.8 @ 850nm / 0.8 @ 1300nm
Bandwidth OFL (MHz x km)	1500 @ 850nm / 500 @ 1300nm
Bandwidth EMBc (MHz x km)	2000 @ 850nm

CHARACTERISTICS OM4

Attenuation (dB / km)	2.8 @ 850nm / 0.8 @ 1300nm
Bandwidth OFL (MHz x km)	3500 @ 850nm / 500 @ 1300nm
Bandwidth EMBc (MHz x km)	4700 @ 850nm



Ordering Information

Part. Nr.	Part Name
LC62B1	Pigtail LC OM1 1m White LSZH
LC50B1	Pigtail LC OM2 1m White LSZH
LCOM3B1AQ	Pigtail LC OM3 1m Aqua LSZH
LCOM4B1-EV	Pigtail LC OM4 1m Erika Violet LSZH
SC62B1	Pigtail SC OM1 1m White LSZH
SC50B1	Pigtail SC OM2 1m White LSZH
SCOM3B1	Pigtail SC OM3 1m Purple LSZH
SCOM4B1-EV	Pigtail SC 50/125 OM4 1m Erika Violet LSZH
ST62B1	Pigtail ST OM1 1m White LSZH
ST50B1	Pigtail ST OM2 1m White LSZH
STOM3B1	Pigtail ST OM3 1m Purple LSZH
STOM4B1-EV	Pigtail ST 50/125 OM4 1m Erika Violet LSZH
FC62B1	Pigtail FC OM1 1m White LSZH