PIGTAILS
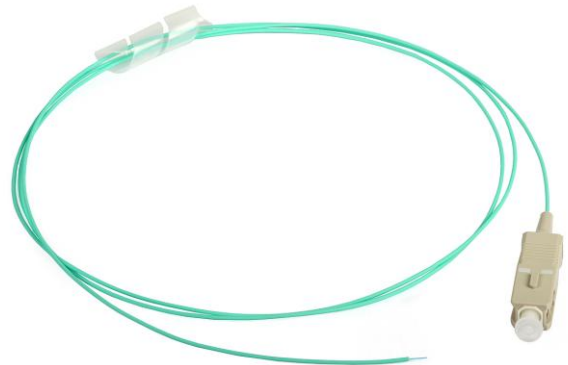## -MULTIMODE

OM2 OM3 OM4

D-CONNECT 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 high quality connector which gives optimum optical performance.
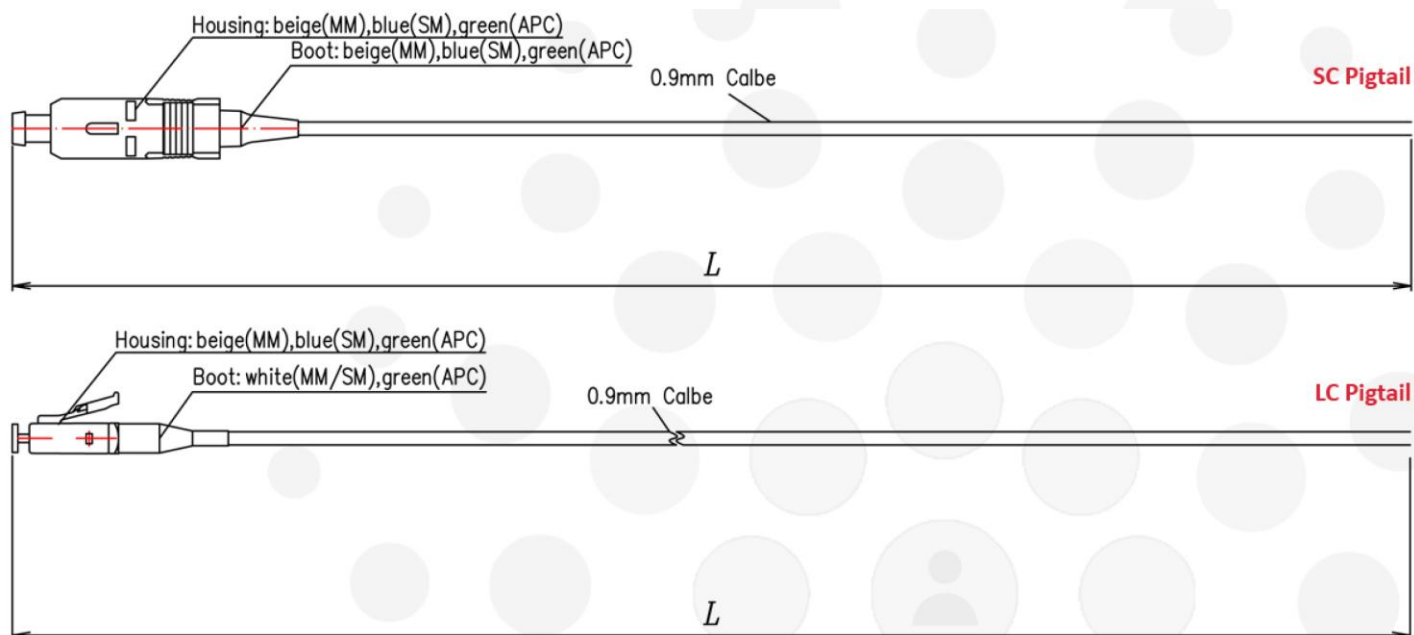
FEATURES

- SC, LC, ST, FC connectors
- Low smoke zero halogen (LSZH) buffer
- 900 μm tight buffer or easy strip
- OM3 Pigtail is available in standard purple or aqua color
- Multimode Fiber conforms to ITU-T G.651.1, TIA/EIA 492AAAC
- Different connector performance range for specific application available
- Available in standard 12 colors as per IEC 60304
- Available in standard and blister packing
- REACH, RoHS & SvHC materials compliant

APPLICATIONS

- Networks including Ethernet, Fast Ethernet and GBE
- Internal inter-connect
- Ideal for a wide range of telecom, datacom and process control applications where ruggedisation is required
- Suitable for repeated handling in patch panels and racks

TECHNICAL DRAWINGS

SPECIFICATIONS

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

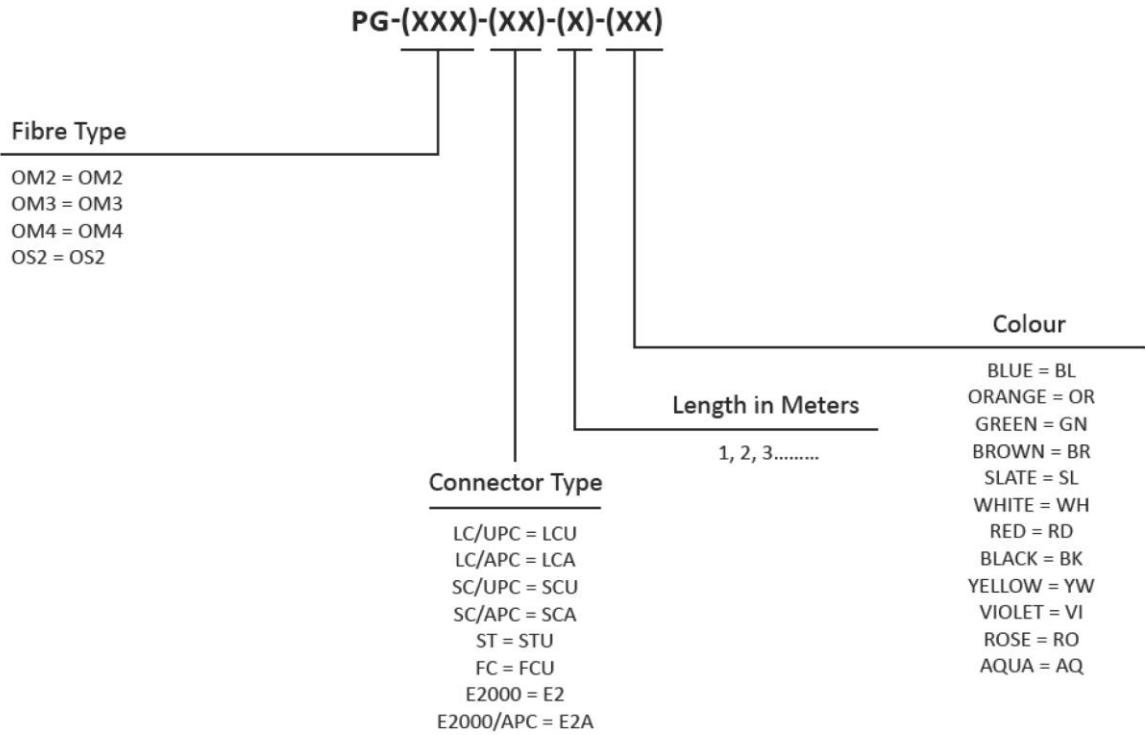Note: Return Loss ≥28dB based on sample data using method IEC 61300-3-6

		Fiber Specification
CHARACTERISTICS	Attenuation (dB / km)	2.8 @ 850 nm / 0.8 @ 1300 nm
	Bandwidth OFL (MHz x km)	3500 @ 850 nm / 500 @ 1300 nm
	Bandwidth LEMB (MHz X km)	4700 @ 850 nm

		Cable Specification
CHARACTERISTICS	UNITS	SIMPLEX
Crush	N/100mm	500
Operating Temperature	°C	-20 to 60
Stripping Length - Easy Strip	m	1.5 minimum
Stripping Length - Tight buffer	mm	30 nominal
Nominal Buffer Diameter	µm	900 +/- 50
Max Tensile Load	N	6

ORDERING INFORMATION

PG-(XXX)-(XX)-(X)-(XX)

Fibre Type

OM2 = OM2
OM3 = OM3
OM4 = OM4
OS2 = OS2

Connector Type

LC/UPC = LCU
LC/APC = LCA
SC/UPC = SCU
SC/APC = SCA
ST = STU
FC = FCU
E2000 = E2
E2000/APC = E2A

Length in Meters

1, 2, 3.........

Colour

BLUE = BL
ORANGE = OR
GREEN = GN
BROWN = BR
SLATE = SL
WHITE = WH
RED = RD
BLACK = BK
YELLOW = YW
VIOLET = VI
ROSE = RO
AQUA = AQ

PART Number- PG-OM2-LC-1-WH-MULTI MODE LC PIGTAIL, WHITE, 1METER

Website: www.tnstechltd.com

TNS TECHNOLOGIES LTD. | **Inquiry:** europe@tnstechltd.com | **Phone:** +44 (0)20 3026 7980
TNS TECHNOLOGIES LLC | **Inquiry:** mea@tnstechltd.com | **Phone:** +971555721321
TNS TECHNOLOGIES CORPORATION | **Inquiry:** canada@tnstechltd.com | **Phone:** +13068507078