

OM5 Multimode Pigtails

OM5 multimode pigtails are used for the termination of optical cables via fusion or mechanical splicing. They consist of a high quality 900µm LSZH cable terminated with an optimised connector for low insertion loss and low back reflection. They fully conform to IEC, TIA/EIA and Telcordia standards

Applications

- Termination of optical networks via fusion or mechanical splicing
- Data centres, Premises and Telecommunication applications
- Patch panels, wall boxes, ODFs and splice cassettes

Features

- Available with SC, LC, ST or FC connectors
- Available with 900µm tight buffered or easy strip lime green coloured cable
- Low smoke zero halogen (LSZH) buffer
- Multimode Fibre compliant with TIA/EIA 492AAAE
- REACH, RoHS and SvHC compliant
- Available in standard 12 colors as per IEC 60304 and in standard and blister packing

Specifications

Connector Specification

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25dB	IEC61300-3-4
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

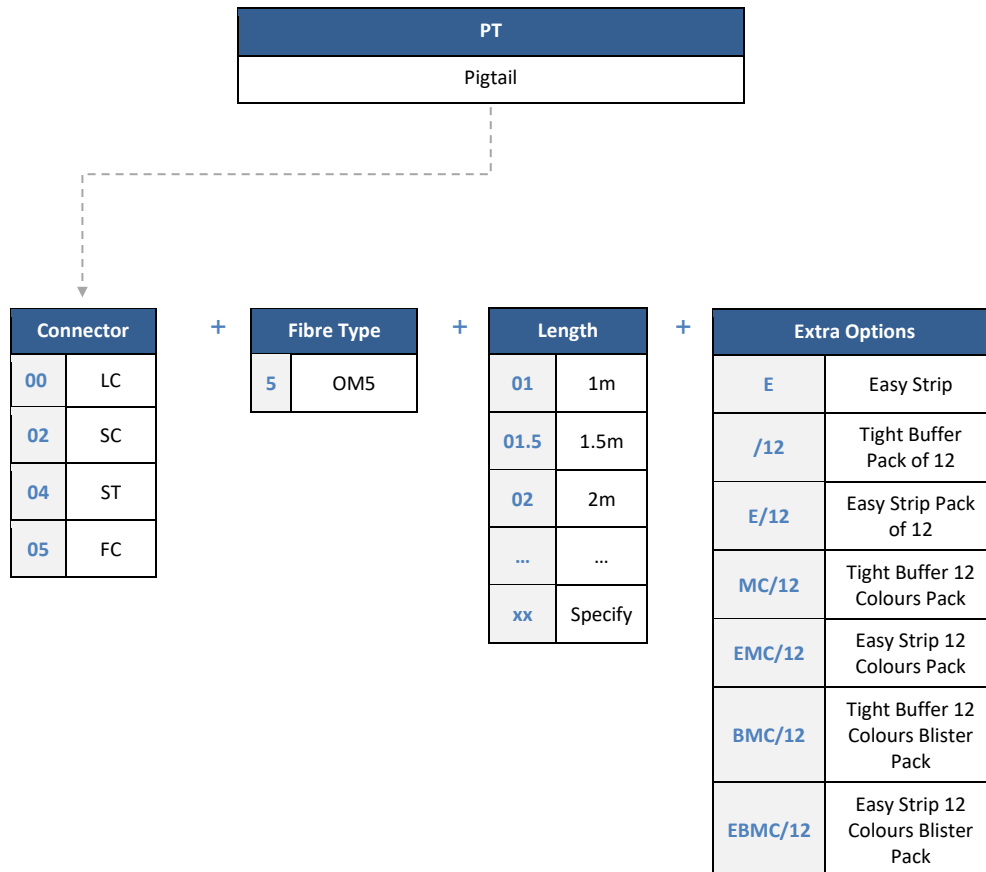
Cable Specification

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

Fibre Specification

CHARACTERISTICS	VALUE
Attenuation (dB/km)	3.0 @ 850nm 1.0 @ 1300nm
Bandwidth OFL (MHz x km)	≥3500 @ 850nm ≥1850 @ 953nm ≥500 @ 1300nm
Bandwidth EMB (MHz x km)	≥4700 @ 850nm ≥2470 @ 953nm
10 Gigabit Ethernet SX (MHz x km)	≤600 @ 850nm
Min. Bend Radius (mm)	7.5
Cladding Diameter (µm)	125±1.0

Ordering Information



Examples:

PT-00-5-01 – Pigtail LC/UPC Multimode OM5 1m

PT-02-5-02-E – Pigtail SC/UPC Multimode OM5 Easy Strip 2m

PT-05-5-01-EMC/12 – Pigtail FC/UPC Multimode OM5 Easy Strip 1m 12 Colours Pack