OM4 Multimode Pigtails

OM4 multimode pigtails are used for the termination of optical cables via fusion or mechanical splicing. They consist of a high quality 900um LSZH cable terminated with an optimized connector for low insertion loss and low back reflection. They fully conform to IEC, TIA/EIA and Telcordia standards.

Features

- Available with SC, LC, ST or FC connectors
- Available with 900µm tight buffer or easy strip aqua coloured cable
- Low Smoke Zero Halogen (LSZH) buffer
- Multimode Fibre compliant with TIA/EIA 492AAAA
- REACH, RoHS and SvHC compliant
- Available in standard 12 colors as per IEC 60304 and in standard and blister packing

Applications

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

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

Fiber Specification

CHARACTERISTICS	
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

CPT
Pigtail

Connector	
00	LC
02	SC
04	ST
05	FC

+

Fibre Type	
4	OM4

+

Length	
01	1m
01.5	1.5m
02	2m
...	...
xx	Specify

+

Extra Options	
E	Easy Strip
/12	Tight Buffer Pack of 12
E/12	Easy Strip Pack of 12
MC/12	Tight Buffer 12 Colours Pack
EMC/12	Easy Strip 12 Colours Pack
BMC/12	Tight Buffer 12 Colours Blister Pack
EBMC/12	Easy Strip 12 Colours Blister Pack

Examples:

CPT-00-4-01 – Pigtail LC/UPC Multimode OM4 1m
CPT-02-4-02-E – Pigtail SC/UPC Multimode OM4 Easy Strip 2m
CPT-05-4-01-EMC/12 – Pigtail FC/UPC Multimode OM4 Easy Strip 1m 12 Colours Pack