



Single mode enhanced pigtails are used in telecom, datacom networks and also used for high speed metropolitan and access network. The single mode pigtail buffer conforms to IEC, EIA TIA or Telcordia standards. The single mode pigtails are terminated with optimised connectors each supplied with a protective cap on the zirconia ceramic ferrule.

Features

- SC, LC, ST and FC Connectors
- UPC and APC Connectors
- Low smoke zero halogen (LSZH) buffer
- 900µm tight buffer or easy strip structure
- OS1/OS2 optical fibre conforms to ITU-G652.D, TIA/EIA 492 CAAA
- OS1/OS2 bend insensitive optical fibre conforms to ITU-G657.A1 or A2
- Available with non zero dispersion shifted single mode ITU-T G.655 optical fibre
- Different connector performance range for specific application available
- Available in standard white colour buffer and also in standard 12 colours as per IEC 60304
- Available in standard and blister packing
- Pigtail with semi-tight buffer - 100mm nominal strip length - available
- REACH, RoHS & SvHC materials compliant

Applications

- Telecom and datacom application
- Patch panels, wall boxes, ODFs and splice cassettes
- Easy to strip pigtails for on site installation
- Supports high speed multi channel video, data and voice services in metropolitan and access networks
- ATM, SONET and WDM

Specification

Connector Specification

OPTICAL PERFORMANCE SINGLEMODE CONFORMANCE

IL Max/Master (Acceptance)	0.25dB	IEC 61300-3-4
Ave/Master	0.18dB	IEC 61300-3-4
Ave/Random	0.18dB	IEC 61300-3-34
Return Loss	55/65dB	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

Ordering Information

Connector End		Fibre Type		B	Cable Length		Cable Construction	
SC	SC	09	OS1/OS2		1	1 metre		Tight Buffer
SCA	SC APC	7A1	G.657A1	2	2 metre	-12/1B	Tight Buffer - Pack of 12 colours	
LC	LC	7A2	G.657A2	3	3 metre	BP12-TB	Tight Buffer - Blister pack of 12	
LCA	LC APC	655CD	G.655C/D	5	5 metre	EASY	Easy strip	
FC	FC			10	10 metre	E-12/1B	Easy strip - Pack of 12 colours	
FCA	FC APC			xx	Specify	BP12	Easy strip - Blister pack of 12	
ST	ST							
E2	E2000*							
E2A	E2000 APC*							

* Insertion Loss <= 0.3 dB (IEC 61300-3-4)