



Single mode 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 standard connectors which gives optimum optical performance.

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
- Different connector performance range for specific application
- Available in standard white colour buffer and also in standard 12 colours as per IEC 60304
- Available in standard and blister packing
- REACH, RoHS & SvHC materials compliant

Applications

- Telecom and datacom application
- Patch panels, wall boxes, ODFs and splice cassettes
- Easy 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
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			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)

Example Part Number

SC	09	B	5	-12/1B
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This part number has created a 5 metre SC OS1/OS2 pack of 12 pigtails in different colours.

SCAN QR FOR PRODUCT PAGE



Further Information

- For additional information please contact your sales representative
- Downloaded from <http://www.fibrefab.com/products/pigtails/os1-os2-singlemode-pigtail/>
- FibreFab reserves the right to make changes to the product specifications in this datasheet at any time without notice
- Information in this document is correct as of November 30, 2015

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