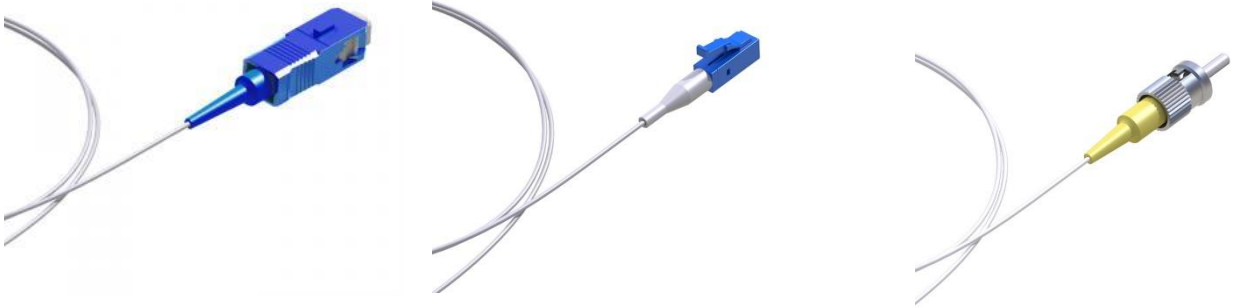# Pigtails Single Mode

Pigtails SM

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 Telecordia standards. The single mode pigtails are terminated with standard connectors each supplied with a protective cap on the zirconia ceramic ferrule. Standard connectors provide optimum optical performance.

Features

- E2000, 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 onsite installation

- Supports high speed multichannel video, data and voice services in metropolitan and access networks

- ATM, SONET and WDM

Specifications

Connector Specifications

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 Specifications

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

Part No.	Part Name
LC09B1	Pigtail LC 9/125 1m
LCA09B1	Pigtail LC/APC 9/125 1m
LC09B2E-12/1B	Pigtail LC 9/125 2m (12-pack, colours)
SC09B1	Pigtail SC 9/125 1m
SCA09B1	Pigtail SC/APC 9/125 1m
SC09B2E-12/1B	Pigtail SC 9/125 2m (12-pack, colours)
ST09B1	Pigtail ST 9/125 1m
FC09B1	Pigtail FC 9/125 1m
FCA09B1	Pigtail FC 9/125 APC 1m
E209B1	Pigtail E2000 9/125 1m
E2A09B1	Pigtail E2000 9/125 APC 1m

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