9/125 (Singlemode) Optical Fibre Pigtails

STERLING

Fibre

Description

Description

Sterling singlemode pigtails are used in telecom, datacom networks and also used for high speed metropolitan and access network. The singlemode pigtail buffer conforms to IEC, EIA TIA and Telecordia standards. The singlemode pigtails are terminated with standard FibreFab connector which gives optimum optical performance.

Features & Benefits

- **SC, LC, ST, FC and E2000 connectors**
- **UPC and APC interface**
- **Low smoke zero halogen (LSZH) secondary buffer**
- **900µm tight buffer or easy strip**
- **ITU G.652.D, TIA/EIA 492CAAB**
- **Bend insensitive ITU G.657.A1 or ITU G.657.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**

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**

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

Fibre Specification

CHARACTERISTICS	
Attenuation (dB) / km	0.38 @ 1310nm / 0.25 @ 1550nm
Chromatic Dispersion (ps/nm x km)	3.0 @ 1310nm / 18.0 @ 1550nm
Polarization Mode Dispersion (ps/vkm)	= 0.2

Connector Specification

OPTICAL PERFORMANCE	SINGLEMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25 dB	IEC 61300-3-4
Ave/Master*	0.18 dB	IEC 61300-3-4
Ave/Random*	0.18 dB	IEC 61300-3-34
Return Loss	50/60 dB	IEC 61300-3-6

Part Number Generator

PREFIX	▪	CONNECTORS	▪	MODEL	▪	LENGTH *
FP	▪	11	▪	05	▪	1D
		ST-ST = 01 ST-SC = 02 SC-SC = 03 LC-LC = 04 LC-SC = 05 LC-ST = 06 LC-MTRJ = 07 MTRJ-MTRJ = 08 MTRJ-SC = 09 MTRJ-ST = 10 FC-FC = 11 FC-ST = 12 FC-SC = 13 FC-LC = 14		OS1/OS2 = 05 OM1 = 06 OM2 = 07 OM3 = 08 OM4 = 09		1D 2D 3S 4F etc.

* SIMPLEX (S)
DUPLEX (D)
FLAT TWIN (F)

STERLING