

# 9/125 (OS1/OS2) Optical Fibre Pigtaills

## Product Datasheet

### Description

singlemode pigtaills 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 pigtaills are terminated with standard connector which gives optimum optical performance.

### Features / Benefits

- ▶ SC, LC, ST, FC and E2000 connectors
- ▶ PC and APC connectors
- ▶ Low smoke zero halogen (LSZH) buffer
- ▶ 900µm tight buffer or easy strip
- ▶ OS1/OS2 fibre conforms to ITU-G652.D, TIA/EIA 492 CAAA
- ▶ OS1/OS2 bend insensitive conforms to ITU-G657.A
- ▶ 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 pigtaills for on site installation
- ▶ Supports high speed multi channel video, data and voice services in metropolitan and access networks
- ▶ ATM, SONET and WDM



### Connector Specification

OPTICAL PERFORMANCE	SINGLEMODE	CONFORMANCE
Insertion loss (Typ)	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

### 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)	0.38 @ 1310nm / 0.25 @ 1550nm
Chromatic Dispersion (ps/nm x km)	3.0 @ 1310nm / 18.0 @ 1550nm
Polarization Mode Dispersion (ps/√km)	≤ 0.2

### İletişim Bilgilerimiz

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