

PIGTAILS

FIBER OPTIC PIGTAILS

9/125 OS1 OPTICAL FIBER PIGTAILS

PIGTAILS

TTAF® singlemode pigtails are used in telecom, cable tv 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 TTAF® connector which gives optimum optical performance.

FEATURES

- » 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

APPLICATION

- » 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

CONNECTOR SPECIFICATION

» OPTICAL PERFORMANCE	SINGLEMODE	CONFORMANCE
» IL Max/Master(Acceptance)	0,25 dB	IEC 61300-3-4
» Ave/Master*	0,18dB	IEC 61300-3-4
» Ave/Random*	0,18dB	IEC 61300-3-34
» Return Loss	50/60	IEC 61300-3-6

BUFFER 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

Fiber 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/√km)	≤ 0.2