

# Datasheet

## OS1 OS2 Single Mode Pigtail

RS Stock number [536-8519](#)



### Description:

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.

### 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

Characteristics	Units	Simplex
Crush	N/100mm	500
Operating temperature	°C	-20 to 60
Nominal buffer diameter	µm	900 +/- 50
Max tensile load	N	6



## Features:

- SC, LC, ST, FC and E2000 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

## Applications:

- Telecom and datacom application
- Patch panels, wall boxes, ODFs and splice cassettes
- Easy strip pigtailed for on site installation
- Supports high speed multi channel video, data and voice services in metropolitan and access networks
- ATM, SONET and WDM