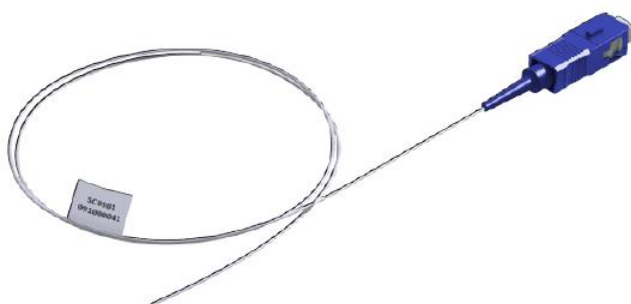# Datasheet
RS Pro OS1 OS2 Single mode Pigtail

RS Stock No: 121-4222

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 each supplied with a protective cap on the zirconia ceramic ferrule. Standard connectors provide optimum optical performance.

Features:

- 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

Specification:

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
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

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