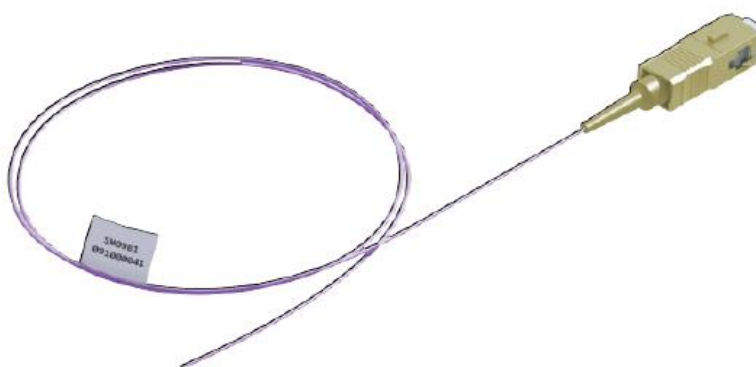


Datasheet

# RS Pro OM3 Multimode Pigtail

RS Stock No: 121-4223



## Description:

OM3 multimode pigtails are used to connect high speed networks like gigabit ethernet, fast ethernet and ethernet. The multimode pigtail buffer conforms to IEC, EIA TIA or Telcordia standards. The multimode pigtails are terminated with standard connector which gives optimum optical performance.

## Features:

- SC, LC, ST, FC connectors
- Low smoke zero halogen (LSZH) buffer
- 900µm tight buffer or easy strip
- OM3 Pigtail is available in standard purple or aqua colour
- Multimode Fibre conforms to ITU-G651, TIA/EIA 492AAAA
- Different connector performance range for specific application
- Available in standard 12 colours as per IEC 60304
- Available in standard and blister packing
- REACH, RoHS & SvHC materials compliant

**Specification:**

<b>Connector Specification</b>		
<b>Optical Performance</b>	<b>Singlemode</b>	<b>Conformance</b>
IL Max/Master (Acceptance)	0.25dB	IEC 61300-3-4
Ave/Master	0.15dB	IEC 61300-3-4
Ave/Random	0.20dB	IEC 61300-3-34
Note: Return Loss >28dB based on sample data using method IEC61300-3-6		
<b>Cable Specification</b>		
<b>Characteristics</b>	<b>Units</b>	<b>Simplex</b>
Crush	N/100mm	500
Operating Temperature	°C	-20 to 60
Nominal Buffer Diameter	Mm	900 +/-50
Max Tensile Load	N	6
<b>Fibre Specifications</b>		
<b>Characteristics</b>		
Attenuation (dB/km)	2.8 @ 850nm / 0.8 @ 1300nm	
Bandwidth OFL (MHz x km)	1500 @ 850nm / 500 @ 1300nm	
Bandwidth EMBc (MHz x km)	2000 @ 850nm	

**Applications:**

- Networks including Ethernet, Fast Ethernet and GBE
- Internal inter-connect
- Ideal for a wide range of telecom, datacom and process control applications where ruggedisation is required
- Suitable for repeated handling in patch panels and racks