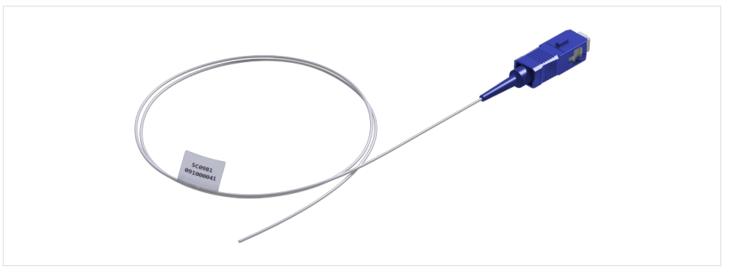
# **OS1 OS2 Single mode Pigtail Datasheet**





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.

#### **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

## **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

# **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**

# Crush N/100mm 500 Operating Temperature °C -20 to 60 Nominal buffer Diameter µm 900 +/- 50 Max Tensile Load N 6

#### **Ordering Information**

Connector End					
SC	SC				
SCA	SC APC				
LC	LC				
LCA	LC APC				
FC	FC				
FCA	FC APC				
ST	ST				
E2	E2000*				
E2A	E2000 APC*				

Fibre Type				
<b>09</b> OS1/OS2				
7A1	G.657A1			
7A2	G.657A2			

Cable Length					
1 1 metre					
2	2 metre				
3	3 metre				
5	5 metre				
10	10 metre				
хх	Specify				

Cable Construction				
	Tight Buffer			
-12/1B Tight Buffer - Pack of 12 colo				
BP12-TB	Tight Buffer - Blister pack of 12			
EASY	Easy strip			
E-12/1B	Easy strip - Pack of 12 colours			
BP12	Easy strip - Blister pack of 12			

# **Example Part Number**

SC	09	В	5	-12/1B

<sup>\*</sup> Insertion Loss <= 0.3 dB (IEC 61300-3-4)

This part number has created a 5 metre SC OS1/OS2 pack of 12 pigtails in different colours.

SCAN QR FOR PRODUCT PAGE



#### **Further Information**

- For additional information please contact your sales representative
- Downloaded from http://www.fibrefab.com/products/pigtails/os1-os2-singlemode-pigtail/
- FibreFab reserves the right to make changes to the product specifications in this datasheet at any time without notice
- Information in this document is correct as of November 30, 2015

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