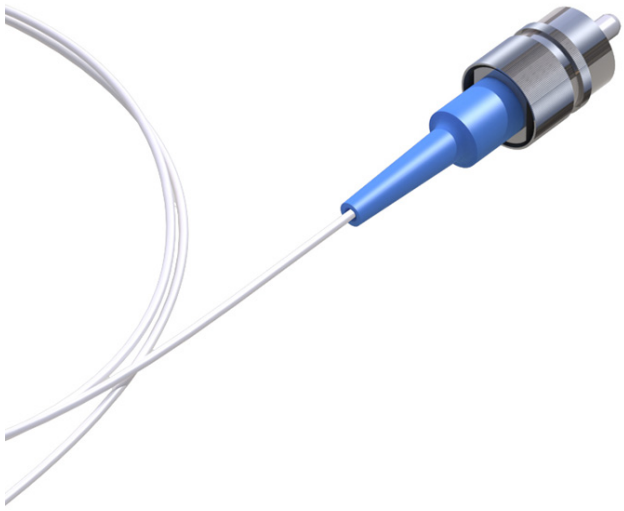


# OS1 OS2 Single mode Enhanced Pigtail



Single mode enhanced 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 optimized connectors each supplied with a protective cap on the zirconia ceramic ferrule.

## FEATURES/BENEFITS

- E2000, SC, LC, ST and FC Connectors
- UPC and APC Connectors
- Low smoke zero halogen (LSZH) buffer
- 900  $\mu\text{m}$  tight buffer or easy strip structure
- OS1/OS2 optical fiber conforms to ITU-T G.652D, TIA/EIA 492 CAAA
- OS1/OS2 bend insensitive optical fiber conforms to ITU-T G.657A1 or A2
- Available with non zero dispersion shifted single mode ITU-T G.655 optical fiber
- Different connector performance range for specific application available
- Available in standard white color buffer and also in standard 12 colors as per IEC 60304
- Available in standard and blister packing
- Pigtail with semi-tight buffer - 100 mm nominal strip length - available
- REACH, RoHS & SvHC materials compliant

## APPLICATIONS

- Telecom and datacom application
- Patch panels, wall boxes, ODFs and splice cassettes
- Easy to 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

## SPECIFICATIONS

## Connector Specification

OPTICAL PERFORMANCE	SINGLE MODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25 dB	IEC 61300-3-4
Ave/Master	0.18 dB	IEC 61300-3-4
Ave/Random	0.18 dB	IEC 61300-3-34
Return Loss	55/65 dB	IEC 61300-3-6

## Cable Specification

CHARACTERISTICS	UNITS	SIMPLEX
Crush	N/100 mm	500
Operating Temperature	°C	-20 to 60
Stripping Length - Easy Strip	m	1.5 minimum
Stripping Length - Tight buffer	mm	30 nominal
Nominal buffer Diameter	µm	900 +/- 50
Max Tensile Load	N	6

ORDERING INFORMATION

Connector End		Fiber Type		B	Cable Length		Cable Construction	
SC	SC	09	OS1/OS2		1	1 metre		Tight Buffer
SCA	SC APC	7A1	G.657A1	2	2 metre	-12/1B	Tight Buffer - Pack of 12 colours	
LC	LC	7A2	G.657A2	3	3 metre	BP12-TB	Tight Buffer - Blister pack of 12	
LCA	LC APC	655CD	G.655C/D	5	5 metre	EASY	Easy strip	
FC	FC			10	10 metre	E-12/1B	Easy strip - Pack of 12 colours	
FCA	FC APC			XX	Specify	BP12	Easy strip - Blister pack of 12	
ST	ST							
E2	E2000*							
E2A	E2000 APC*							

\* Supplied with RdM E2000 connectors

Example Part Number

SC	09	B	5	-12/1B
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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
- To view the product 360 visit the product page (Scan the QR code or visit the link below)
- Downloaded from <https://www.aflhyperscale.com/product/os1-os2-single-mode-enhanced-pigtail>
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