OS1 OS2 Single mode Enhanced Pigtail

Description

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 and Benefits

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

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Applications

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

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

Code	Fibre Type	Cable Type	Fiber Count	Code	Color	Grade	Connector	Code	Unit	Length
P	9 G.652D	AA Easy Strip	1 Single Pigtail	L	6 WHITE	E	AX LC	-0000- Single Pigtail	M Meters	1 1
	7 G.657A1	AC Tight Buffered	B Pack of 12		9 YELLOW		BX LCA	-0002- 12 in one Bag		2 2
	8 G.657A2				H 12 Colors		DX SC	-0004- 12 in Blister Pack		XX Specify
							EX SCA			
							HX FC			
							JX FCA			
							KX ST			
							LX E2			
							MX E2A			

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Legacy Ordering Information

Connector End		Fiber Type			Cable Length		Cable Construction	
SC	SC	09	OS1/OS2	B	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

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

Additional Images

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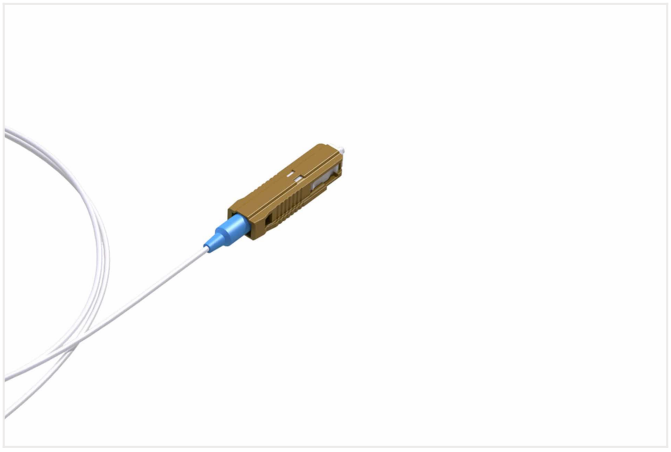

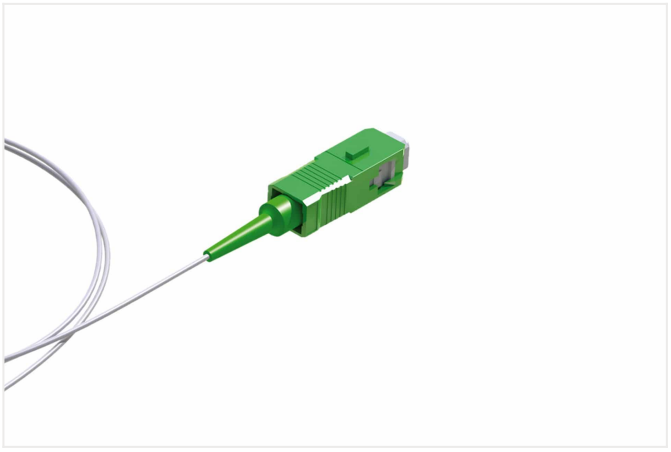

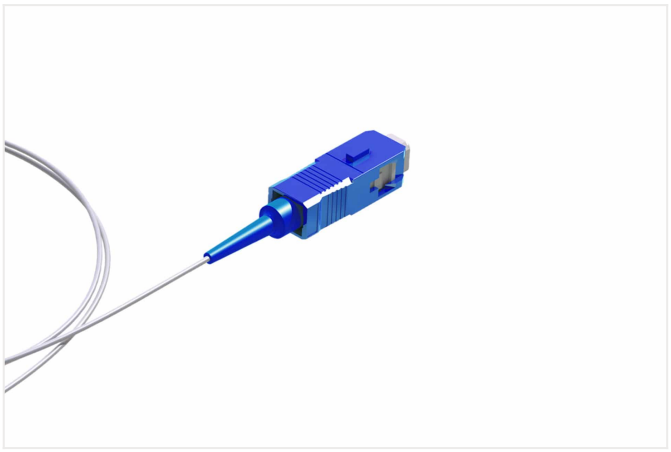

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Related Products

FC Connectors

LC Connectors

SC Connector

ST Connectors

FCP2 Fiber Cleaning Kit for SC/ST/FC/LC

FOCIS Flex Fiber Scope

One-Click® Cleaner SC/ST/FC

One-Click® Cleaner MU/LC

One-Click® Cleaner D-LC, Duplex LC

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