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.



- E2000, SC, LC, ST and FC Connectors
- UPC and APC Connectors
- Low smoke zero halogen (LSZH) buffer
- 900 µm 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

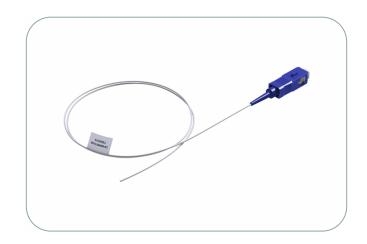
Applications

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



OPTICAL PERFORMANCE	SINGLE MODE	CONFORMANCE
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	Fibr	е Туре	Cable Type		Cable Type		Cable Type			Fiber Count		Fiber Count		Fiber Count		Fiber Count		ode		Color	Gr	ade	Con	necto r		Code		Unit	L	ength
Р	9 G	6.652D	AA	Easy Strip	1	Single Pigtail		L	6	WHITE		Е	АХ	LC	-0000-	Single Pigtail	M	Meters	1	1										
	7 G.	.657A1	AC	Tight Buffered	В	Pack of 12			9	YELLOW			ВХ	LCA	-0002-	12 in one Bag			2	2										
	8 G.	.657A2							Н	12 Colors			DX	SC	-0004-	12 in Blister Pack			XX	Specify										
													EX	SCA																
													НХ	FC																
													JX	FCA																
													KX	ST																
													LX	E2																
													МХ	E2A																

Legacy Ordering Information

	legacy ordering information													
Co	nnector End	Fibe	er Type			Cab	le Length		Cable Construction					
SC	SC	09	OS1/OS2	В		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		П	5	5 metre	EASY	Easy strip					
FC	FC					10	10 metre	E-12/1B	Easy strip - Pack of 12 colours					
FCA	FC APC					хх	Specify	BP12	Easy strip - Blister pack of 12					
ST	ST													
E2	E2000*													
E2A	E2000 APC*				П									

* 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.

