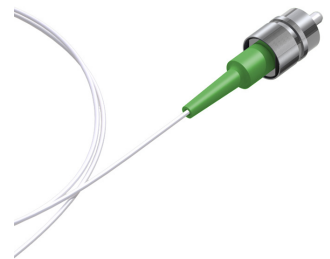
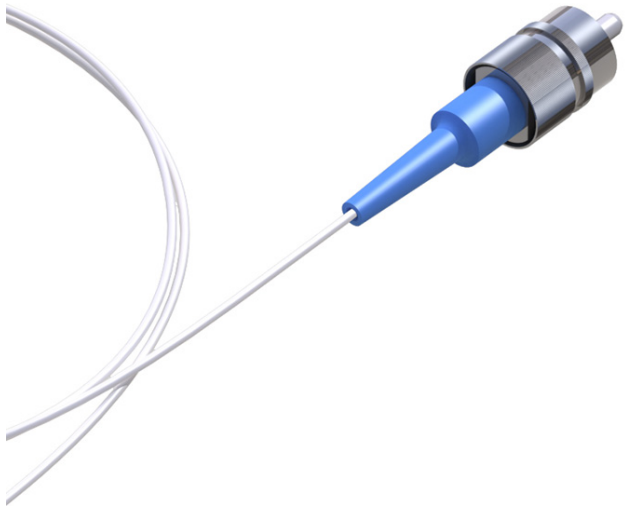


OS1 OS2 Single mode Enhanced Pigtail



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 μ 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 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
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			

Legacy Ordering Information

Connector End	Fiber Type	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 represents a 5 metre SC OS1/OS2 pack of 12 pigtails in different colours.

- AFL Hyperscale reserves the right to make changes in this datasheet at any time without notice
- Information in this document is correct as of January 08, 2020



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