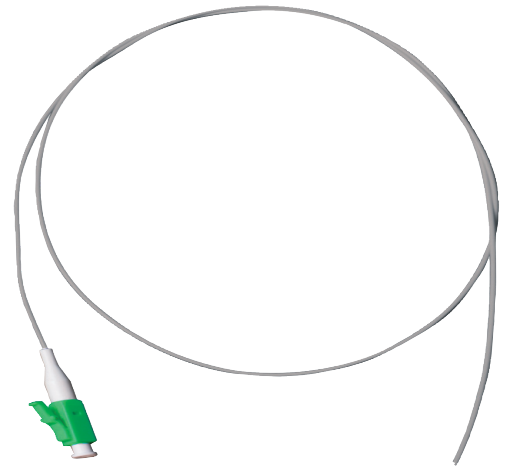# technetix

Singlemode pigtails

- **SC, LC, FC connectors**
- **UPC and APC interface**
- **LSZH secondary buffer**
- **900µm tight buffer or easy strip**
- **Reduced bend sensitivity, singlemode optical fibre conforms to ITU-T G.657A1 and ITU-T G.652D**
- **Other connector performance ranges available on request**
- **Available in standard white buffer and standard 12 colours as per IEC 60304**

Overview

Singlemode pigtails are used for high speed multi-channel video, data and voice services. The singlemode pigtail buffer conforms to IEC international standards. The singlemode pigtails are terminated with industry standard connectors which give optimum optical performance.

Applications
- Telecom applications
- Patch panels, wall boxes, ODFs and splice cassettes
- Easy strip pigtails for on site installation where 250 micron fibre fusion splicing is needed
- Tight buffer pigtails for on site installation where 900 micron fibre fusion splicing is needed
- Supports high speed multi channel video, data and voice services in metropolitan and access networks
- ATM, SDH and WDM

Connector specification

Optical performance	Singlemode	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	Duplex
Crush	N/100mm	500
Operating temperature	(˚C)	-20 to 60
Nominal buffer diameter	μm	900+50

Fibre specification

Characteristics	IL average
Attenuation (dB/ km)	0.38 @ 1310nm/ 0.25 @ 1550nm
Chromatic dispersion	3.0 @ 1310nm/ 18.0 @ 1550nm

Ordering information

Part number generator

PRE					

Connector 1		Fibre Type		Cable Diameter		Length		Buffer Type		Colour	
SC	SC	7A1	G657A1	B	900μm	1	1M	-	Tight Buffer	YE	Yellow
SCA	SC/APC	7A2	G657A2			1.5	1.5M	E	Easy Strip	-	White
LC	LC	55C/D	G655C/D			2	2M	S	Semi Tight	GN	Green
LCA	LC/APC	09	G652D			5	5M			BL	Blue
FC	FC									SI	6 Colour Set
FCA	FC/APC									TW	12 Colour Set
E2	E2000										
E2A	E2000/ APC										
ST	ST										