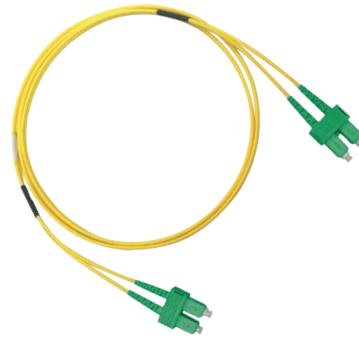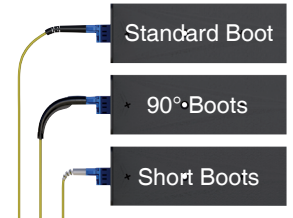# Singlemode patchcords

- **SC, LC, ST FC Connectors**
- **Other connectors available on request including MU, E2000, EC and single boot LC duplex (LCSB)**
- **LSZH jacket in yellow colour**
- **900μm or 600μm tight buffer**
- **Reduced bend sensitivity, singlemode fibre conforms to ITU-T G.657A1 and ITU-T G.652D**
- **Simplex and duplex assemblies**
- **Available with clips (SC and LC)**
- **Armoured option also available**

Also available with 90º Boots or Short (18mm) Boots

Standard Boot

90°·Boots

Short Boots

Overview

Singlemode patchcords are used in telecom applications for high speed transmission and access. They are manufactured using LSZH jacket cables which conform to IEC international standards and are terminated with industry standard connectors to give optimum optical performance.

Applications
- Passive Optical Network PON
- WDM/DWDM
- FTTH
- Headends
- Supports High Speed multi channel video, data and voice services in metropolitan and Access networks
- ATM, SDH and WDM
- CATV/ VIDEO

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	Simplex	Duplex
Cable material	LSZH	LSZH
Strength member	Aramid	Aramid
Crush (N)	1000	1000
Operating temperature (˚C)	-20 to 60	-20 to 60
Fibre specification	IEC 60332-1	IEC 60332-1

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		Connector 2		Fibre Type		Connector Count (Cable type)		Colour		Cable Diameter	Length	
SC	SC	SC	SC	7A1	G657A1	S	Simplex	YE	Yellow	1.6mm	01	1M
SCA	SC/APC	SCA	SC/APC	7A2	G657A2	D	Duplex Zip			2mm	02	2M
LC	LC	LC	LC	55C/D	G655C/D	DR	Round Duplex			3mm	05	5M
LCA	LC/APC	LCA	LC/APC	09	G652D						10	10M
FC	FC	FC	FC								15	15M
FCA	FC/APC	FCA	FC/APC									
E2	E2000	E2	E2000									
E2A	E2000/APC	E2A	E2000/APC									
ST	ST	ST	ST									

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