

## G657A1 SC/APC - SC/APC SIMPLEX FIBRE OPTIC PATCH CORDS

Singlemode fibre optic patch cords are used to connect longer distance networks, between buildings and campuses and in long-distance metropolitan and access telecoms and CATV networks. All assemblies are fully tested prior to delivery and supplied with test result. Most common connector types, configurations and lengths are available from stock. Singlemode patch cords are supplied with a yellow LSZH cable jacket in 2mm diameter cable as standard. Non-stocked configurations (length, colour, connectors and cable type) can be manufactured to meet specific requirements.

### APPLICATIONS

- Data Centres
- LAN/Enterprise
- Metropolitan and access networks
- FTTH
- CATV
- Transmission, switch and test equipment



### FEATURES

- SC, LC, ST, FC, MU & E2000 as standard. Other connectors available
- LSZH - Low smoke zero halogen, yellow jacket
- Simplex and Duplex assemblies
- 900µm tight buffer, 2mm simplex
- Available in other colours
- Armoured, round duplex and flat twin patch cords also available
- All patch cords come with UPC or APC polished connector end face as standard
- G657A1 fibre conforms to or exceeds all relevant ISO/IEC, TIA/EIA and ITU standards

### FIBRE SPECIFICATION

Attenuation (db / km)	0.38 @ 1310nm / 0.25 @ 1550m
Chromatic Dispersion (ps/nm=km)	13.0 @ 1310nm / 18.0 @ 1550nm

### CABLE SPECIFICATION

	SIMPLEX
Cable Material	LSZH
Strength Member	Aramid
Crush (N/100mm)	1000
Tensile (N)	120
Operating temperature (°C)	-20 to 60

### CONNECTOR SPECIFICATION

	UPC	APC
IL Max/Master (db) (Acceptance)	≤ 0.30	≤ 0.30
Av./Random (db)	≤ 0.20	≤ 0.20
Return Loss	≥ 55	≥ 65