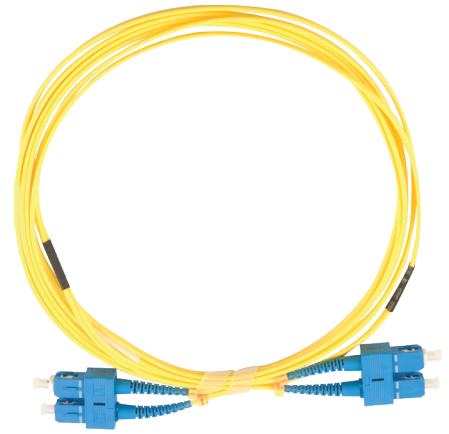


## 9/125(OS1-OS2) SIMPLEX & DUPLEX PATCH CORDS

Singlemode Patch Cords are used for telecom network and also used for high speed metropolitan and access network. Our Singlemode Patch Cords are manufactured using LSZH and PVC cables which conform to IEC, EIA TIA and Telcordia standards. OS1 /OS2 Patch Cords are terminated with our standard connector which gives optimum optical performance.



9/125 (OS1-OS2)	OS 1/2 9/125	OS 1/2 G.657A1	OS 1/2 G.657A2
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### Features

- SC, LC, ST, FC, MU and E2000 connectors
- LSZH or PVC yellow colour cable
- 900µm tight buffer
- OS1/OS2 fibre conforms to ITU-652.D, TIA/EIA 492 CAAA
- Simplex and duplex assemblies
- Duplex assemblies available with clips (SC and LC)
- Different connector performance range for specific application

### Applications

- CATV / VIDEO
- Passive Optical Network PON
- WDM / DWDM
- FTTH
- Data centers - Support high speed multi channel video, data and voice services in metropolitan and access networks
- ATM, SONET 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 UPC/APC	55/65 dB	IEC 61300-3-6

### Fibre Specification

Characteristics	
Attenuation (dB) / km	0.38 @ 1310nm / 0.25 @ 1550nm
Chromatic Dispersion (ps/nm x km)	3.0 @ 1310nm / 18.0 @ 1550nm

### Cable Specification

Characteristics	Simplex	Duplex
Cable Material	LSZH and PVC	LSZH and PVC
Strength Member	Aramid	Aramid
Crush (N)	1000	1000
Operating Temperature ( ° C)	-20 to 60	-20 to 60