

# Synergy Telecom P Ltd.

## **FC/PC TO FC/PC SM DX Patch Cords**

### FC Patch Cord

FC patch cords are most popular patch cords used in fibre optic networks, where FC stands for fixed connectors. It is fixed by way of threaded barrel housing.



SM FC/PC Duplex

Length- 1/2/5/10/20/30 etc mtr

### Features

- Nickle plated brass body
- Compact design
- Available in Singlemode & Multimode
- Tuned for low connection loss
- Stable against mechanical or environmental shock
- Low insertion loss & Excellent back reflection
- PC, UPC and APC available
- Meets Telcordia / IEC standards

### Specifications

| Parameters             | Unit               | Singlemode      |             |             | Multimode   |
|------------------------|--------------------|-----------------|-------------|-------------|-------------|
|                        |                    | PC              | UPC         | APC         | PC          |
| Insertion Loss         | dB                 | $\leq 0.30$     | $\leq 0.20$ | $\leq 0.30$ | $\leq 0.30$ |
| Return Loss            | dB                 | $\geq 45$       | $\geq 50$   | $\geq 60$   | $\geq 35$   |
| Repeatable connections | Nos.               | $\geq 1000$     |             |             |             |
| Operating temperatures | $^{\circ}\text{C}$ | -40 to +75      |             |             |             |
| Cable diameter         | mm                 | 0.9 / 2.0 / 3.0 |             |             |             |

### Applications

- Long distance optical transmission networks
- Active device termination
- Optical measuring instruments
- Telecommunication networks
- LAN / WAN / CATV

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