

# Synergy Telecom P Ltd.

## LC/PC to LC/PC MM SX PATCH CORDS

### LC Patch Cord

The LC connector has a push and latch structure for making connections. It has high precision thermoplastic housing and accurate 1.25mm ceramic ferrule. LC is a popular kind of small form factor patch cord which reduces the space and it is widely used for dense installation



MM LC/PC Simplex

### Features

- High precision thermoplastic body
- Compact design
- Available in Singlemode & Multimode
- Accurate alignment through ceramic ferrule
- Best suitable for dense installation
- Low insertion loss & Excellent back reflection
- PC, UPC and APC available
- Meets IEC & TIA/EIA standards

### Specifications

| Parameters             | Unit | Singlemode |        |        | Multimode |
|------------------------|------|------------|--------|--------|-----------|
|                        |      | PC         | UPC    | APC    | PC        |
| Insertion Loss         | dB   | ≤ 0.30     | ≤ 0.20 | ≤ 0.30 | ≤ 0.30    |
| Return Loss            | dB   | ≥ 50       | ≥ 55   | ≥ 60   | ≥ 30      |
| Repeatable connections | Nos. | ≥ 1000     |        |        |           |
| Operating temperatures | ° C  | -40 to +75 |        |        |           |
| Cable diameter         | mm   | 0.9 / 2.0  |        |        |           |

### Applications

- Testing equipment
- Active device termination
- Data processing networks
- FTTX applications
- LAN / WAN / CATV