

## Fiber Optic Patch Cords – Multi Mode

Fiber optic patch cord comprises of two tight buffer fibers housed within a common outer jacket in OM1, OM2, OM3, OM4 Multimode variants. Both ends are terminated with high performance hybrid or single type connector comprising of SC, ST, FC, LC, MTRJ, E2000 connector in Simplex and Duplex.

### Feature

- All Assemblies are machine polished providing highest quality.
- Compliant with telecordia GR-326 core, TIA/EIA & IEC.
- Fiber used in the cable manufacturing fully comply to ITU-T-Rec G 652D.
- Bend insensitive fibers.
- LSZH rated jacket, meets IEC-60332 (LSZH) flame rating for standard compliant safety.
- Available in PC, UPC, APC connectors with .9mm, 2mm, 3mm sizes.
- Duplex and Simplex versions, Uniform and hybrid patch cord versions available.
- High return loss, Low insertion loss.
- High reliability, High temperature stability.
- All assemblies are factory testing and comes with test reports.

### Technical Specification

| Parameter              | Value                      |
|------------------------|----------------------------|
| Fiber Mode             | Multi Mode – 50/125 micron |
| Insertion Loss (in dB) | ≤0.3                       |
| Return Loss (in dB)    | ≥35dB                      |
| Temperature (°C)       | -40°C~+85°C                |
| Repeatability (dB)     | ≤0.1                       |
| Durability (dB)        | ≤0.2 (1000 mattings)       |
| Cable Diameter (mm)    | 3.0mm, 2.0mm, 0.9mm        |
| Ferrule Material       | Zirconium Ceramic          |

### Ordering Information

| Part Code               | Description             |
|-------------------------|-------------------------|
| 3C-PCU-VVV-WWW-XXX-Y-ZZ | Fiber Optic Patch Cords |

U – (S-Simplex, D-Duplex)  
 VVV - (OM1, OM2, OM3, OM4 - 50/125 micron Multi Mode)  
 WWW/XXX – (SCA-SC/APC Connector, LCA-LC/APC Connector,  
 STA-ST/APC Connector, STP-ST/PC Connector, FCP-FC/PC Connector,  
 SCP-SC/PC Connector, LCP-LC/PC Connector)  
 Y – (2-2mm, 3-3mm), ZZ – (01~99 meters)

