

Duplex Single mode OS2 Fiber Patch Cord (LC-ST)



Standard

- ISO/IEC 11801
- TIA/EIA 568-C.3
- YD/T 1272-2009

Application

- Telecom network local area network(LAN)
- Wide area network(WAN), fiber-to-desktop (FTTX)
- Optical signal connection, optical
- Used on ODF

Specification

- Fiber Type: SM(G.652D)
- Fiber Diameter: 9/125µm
- Cable Diameter: 3mm
- Cable Jacket: PVC/LSZH/OFNP
- Ceramic Ferrule: UPC
- Connector Type: LC-ST
- Connector Material: Plastic/Nickel-plated die-cast

Product Specifications

Electrical Performance

- Wave Length: 1310/1550nm
- Insertion Loss: $\leq 0.2\text{dB}$
- Return Loss: $\geq 50\text{dB}$
- Pull-out Force: ≥ 150 lbs (cable-to-connector)
- Durability: ≥ 1000 cycles
- Repeatability: $\leq 0.2\text{dB}$
- Changeability: $\leq 0.1\text{dB}$

Thermal Characteristics

- Storage Temperature: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- Operating Temperature: $-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$