

## Duplex Single mode OS2 Fiber Patch Cord (FC-FC)



### 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: 9/125 $\mu$ m
- Cable Diameter: 3mm
- Cable Jacket: PVC/LSZH/OFNP
- Ceramic Ferrule: UPC
- Connector Type: FC-FC(Cylindrical metal coupling nut with keyed inner shroud)
- Connector Material: Nickel-plated die-cast

# Product Specifications

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## *Electrical Performance*

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

## *Thermal Characteristics*

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