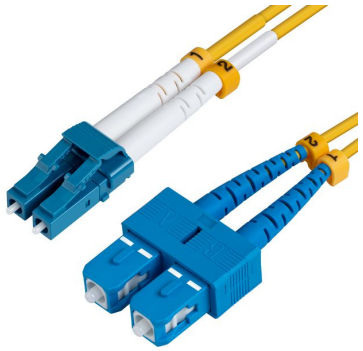
MPN: FIB421005

# Optical Fibre Cable, LC-SC, Singlemode, Duplex, OS2 (Yellow), 5m

Single mode fiber optic cable is suitable for enterprise network, Telecom rooms, server farms, cloud storage networks and any place where fiber jumper cables are needed. This cable is ideal for connecting 1G/10G/40G/100G Ethernet connections. It can transport data for up to 10km at 1310nm, or up to 40km at 1550nm. The single mode patch cords are manufactured using LSZH cables which conform to IEC, EIA TIA or Telcordia standards.



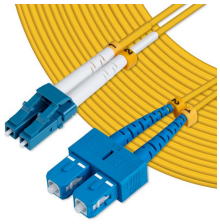
- Designed for Data Centers, Industry and Computer Centers
- LSZH (Low Smoke Zero Halogen) and flame retardant
- RoHS compliant
- Fibre Standard G.652.D

## Specifications

| | | |
|---|---|---|
| **Features** | **Cable length** | 5 m |
| | **Cladding diameter** | 125 µm |
| | **Connector 1** | LC/UPC |
| | **Connector 1 gender** | Male |
| | **Connector 2** | SC/UPC |
| | **Connector 2 gender** | Male |
| | **Core diameter** | 9 µm |
| | **Fiber mode structure** | Single-mode |
| | **Fibre optic type** | OS2 |
| | **Full duplex** | Yes |
| | **Halogen-free** | Yes |
| | **Insertion loss** | 0.3 dB |
| | **Jacket material** | Low smoke zero halogen (LSZH) |
| | **Product colour** | Yellow |
| | **RoHS compliance** | Yes |
| **Legal Information** | **ADR Information** | No restrictions |
| | **Country of Origin** | China |
| | **EU ECCN Code** | N/A |
| | **Tariff No.** | 8544700099 |
| | **UNSPSC Code** | 26121607 |
| | **US ECCN Code** | EAR99 |
| **Operational conditions** | **Operating temperature (T-T)** | -40 - 85 °C |
| | **Storage temperature (T-T)** | -40 - 85 °C |
| **Package dimensions (verified)** | **Depth Verified** | 4.9 cm |
| | **Gross Weight Verified** | 0.048 kg |
| | **Height Verified** | 1.5 cm |

| | | |
|---|---|---|
| **Package dimensions** | **Width Verified** | 6.7 cm |
| **Product dimensions** | **Net Weight (Product, kg)** | 0.038 kg |
| **Vendor information** | **Brand Name** | MicroConnect |
| | **Warranty** | 25 Year(s) |
| **Weight & dimensions** | **Cable diameter** | 2 mm |

## Other products in this series

| Cable length | OS2 |
|---|---|
| 0.5 | FIB4210005 |
| 1 | FIB421001 |
| 1.5 | FIB4210015 |
| 2 | FIB421002 |
| 3 | FIB421003 |
| 4 | FIB421004 |
| 5 | FIB421005 |
| 6 | FIB421006 |
| 7 | FIB421007 |
| 8 | FIB421008 |
| 10 | FIB421010 |
| 12 | FIB421012 |
| 15 | FIB421015 |
| 20 | FIB421020 |
| 25 | FIB421025 |
| 30 | FIB421030 |
| 33 | FIB421033 |
| 40 | FIB421040 |
| 45 | FIB421045 |

## Other images