

Optical Fibre Jumper

YOFC's optical fibre jumpers include standard and customized products, such as FC, SC, LC, ST, MU, MT, and E2000. They can be used for single-mode and multi-mode cables in simplex, duplex, and micro-duplex configurations. Boasting low insertion loss, high return loss, and excellent reliability and stability characteristics, these products provide customers with fast, convenient, and quality connectivity.



Product Structure



Product Features

- Low insertion loss and high return loss.
- Three end-surface polishing methods: PC, UPC, APC.
- Mechanical durability: 500 times of use.
- Cable materials compliant with OFNR and OFNP flame retardant ratings.



Product Parameters

| | | |
|--------------------------|--|------------------------------|
| Connector Type | SC/FC/LC/ST/MU/E2000/... | |
| Optical Fibre | Single-mode | Multi-mode |
| Insertion Loss (dB) | Typical: 0.20; maximum: 0.30 | Typical: 0.20; maximum: 0.30 |
| Return Loss (dB) | PC ≥ 45, UPC ≥ 50, APC ≥ 60 | NA |
| Standards Compliance | Compliant with Telcordia GR-326-CORE Issue 4, IEC 61754 series, YD/T 1272 series, and RoHS standards | |
| Operating Environment | -25°C to +70°C | -25°C to +70°C |
| Environmental Protection | Compliant with RoHS standard | Compliant with RoHS standard |



Order Guide

| A-end Connector | Polish Method | B-end Connector | Polish Method | Fibre Type | Cable Type | Length |
|-----------------|---------------|-----------------|---------------|------------|------------|------------|
| FC | PC | FC | PC | G652D | 2.0 mm | 1 m |
| SC | UPC | SC | UPC | G657A2 | 3.0 mm | 5 m |
| LC | APC | LC | APC | Customized | Customized | 10 m |
| ST | -- | ST | -- | -- | -- | 20 m |
| MTP | -- | MTP | -- | -- | -- | Customized |