

Fiber optic Fast Connector



Description

Fiber Optic Fast Connectors (FFC Series) are pre-polished, field-installable connectors designed to provide quick, reliable, and low-loss fiber termination without the need for epoxy, polishing, or specialized splicing equipment. These connectors enable rapid fiber deployment while ensuring stable optical performance and long-term reliability. Available in multiple configurations, including waterproof and SC/APC types, the FFC series is ideal for modern FTTH and fiber access networks.

Features

- Fast and easy field installation
- No epoxy, no curing, and no polishing required
- Factory pre-polished ferrule ensures consistent performance
- Low insertion loss and high return loss
- Reliable mechanical and optical performance
- Suitable for single-mode fiber
- Stable connection with strong tensile resistance
- Compact design for high-density installations
- Waterproof option available for outdoor applications

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Applications

- FTTH (Fiber to the Home) installations
- Fiber access networks
- Telecommunications systems
- CATV networks
- Data centers
- Fiber patch cord termination
- Indoor and outdoor fiber cabling
- Emergency fiber repairs and maintenance

Specifications

- Insertion Loss: ≤ 0.3 dB
- Return Loss:
 - UPC: ≥ 50 dB
 - APC: ≥ 60 dB
- Operating Temperature: -40°C to $+75^{\circ}\text{C}$
- Storage Temperature: -40°C to $+85^{\circ}\text{C}$
- RoHS compliant
- Meets industry fiber optic standards

Ordering information

Product Name	Model Name
Waterproof Fiber optic Fast Connector	IK-FFC-A
Y1805 Fiber optic Fast Connector	IK-FFC-B
Y1803 Fiber optic Fast Connector	IK-FFC-C
Y04 Fiber optic Fast Connector	IK-FFC-D
Y1807 Fiber optic Fast Connector	IK-FFC-E
SC/APC Fiber optic Fast Connector	IK-FFC-F
SC/APC-F4 Fiber optic Fast Connector	IK-FFC-G
SC/APC Fiber optic Fast Connector	IK-FFC-H
SC-F4 Fiber optic Fast Connector	IK-FFC-I