

FM06 Fast Connector



Product Description

The fiber optic fast connector is a field installable optical connector that used for 2*3.0mm ftth drop cable. the fast connector with cheap price provide cost effective solution for FTTH construction. The unique design of the patented mechanical splice body incorporates a factory-mounted fiber stub and a pre-polished ceramic ferrule. Using this onsite assembly optical connector, it is possible to improve the flexibility of optical wiring design as well as reducing the time required for fiber termination. The Fast connector series are already a popular solution for optical wiring inside buildings and floors for LAN & CCTV applications and FTTH.

Features

- Fast and easy termination of rectangular section FTTH drop cable
- No polishing or adhesives required
- Terminate cable to exact required length
- Can be re-opened up to 5 times
- Simple to assemble with our guide rail tool
- Applied to 2.0mm × 3.0mm flat drop cable、 2.0mm or 3.0mm round drop cable
- Easy to operate, fast to assemble, high success rate, long time of using, easy maintenance

Application

- FTTx fiber optic data transmission
- Optical access network
- Field Repair/Replacement
- Maintenance or emergency restoration of fiber networks

Specification

Insertion loss	$\leq 0.30\text{dB}$ Max 0.5dB
Return loss	UPC $\geq 50\text{dB}$, APC $\geq 55\text{dB}$
Tensile	$\Delta\text{IL} < 0.3\text{dB}$ @ 40N
Cable	3.0X2.0mm Drop cable /2.0mm or 3.0mm round drop cable
Operating Wavelength	1310&1550nm
Assembly time	About 60s
Assembly success rate	$\geq 97\%$
Re-assembly	> 5 times
Durability	> 500 times
Humidity	95%
Operating Temperature	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Product length	$\approx 58\text{mm}$