

ezi-Fiber SC SM Quick Assembly Connectors

DINTEK's ezi-FIBER™ Mechanical Connector provides an inexpensive, quick alternative to terminating fibers without the need for a fusion splicer.

DINTEK ezi-FIBER™ Connectors use V-groove technology to align the fibers together and maintain physical contact between them. No assembly tool is required to ensure the fibers are mated correctly and the resulting connection using the connector is an average insertion loss of about 0.1dB.



Features

- Minimal tools required
- Low insertion loss of between 0.1-0.2dB
- Environmentally stable
- Easy termination / fast splicing time
- Suitable for 250 µm and/or 900 µm buffered fibers
- Uses V-Groove alignment technology

Standards Conformance

- ISO/IEC 11801
- Cenelec EN 50173-1 / TIA-568 C.0
- Data Center Cenelec EN 50173-5
- ISO/IEC 24764/ TIA-942
- Ethernet IEEE 802.3; 10/40/100GbE

Applications

- FTTx
- Pigtail connection in premise environments
- Fiber-to-the-Subscriber (FTTx) applications
- Telecommunications
- CATV
- Local area network

DINTEK ezi-FIBER Termination Kit



Ordering Information

Product Number	Product Name	Connector Type	Color	Mode
2106-02005	ezi-FIBER SC/UPC SM Quick Assembly Connector	SC/UPC	Blue	Singlemode
2106-02020	ezi-FIBER SC/APC SM Quick Assembly Connector	SC/APC	Green	Singlemode
2106-02013	ezi-FIBER SC MM Quick Assembly Connector	SC	Beige	Multimode

Technical Specifications

General Specifications

Cable Size	250um / 900um / 2.0mm / 3.0 mm / Flat Cable
Assembly Time	30 seconds (after preparing fiber ends)
Materials	Engineering Plastics & Index Matching Gel

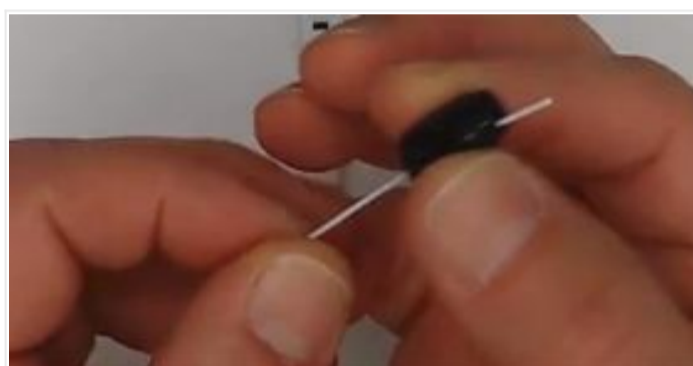
Mechanical Data

Pull Strength (kg), Typical	0.5kgf (900um); 6kgf (3.0mm); 1kgf (Flat Cable)
Operating Temperature (deg)	-40 ~ +70°C

Performance Data

Insertion Loss (dB), Typical	0.1dB Insertion Loss (dB)
Insertion Loss (dB), Maximum	Max 0.3dB
Return Loss (dB), Typical	-50dB

Termination Process



Slide boot and clamp screw cap on before stripping cable



Strip approx. 50mm. Primary coating must be removed



Using fiber cleaver, cut fiber to 12.5mm



Insert fiber into back of connector carefully



When light appears through end face, press button down



Slide boot up and then screw cap. Place cover over

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