

FC - FC Adapters

MODEL : IK-FOA-FC-FC



Description

FC-FC Fiber Adapters are designed to connect and align two FC connector plugs with superior stability and precision. Built with durable metal housings and high-accuracy alignment sleeves, these adapters ensure consistent optical performance even in environments with vibration or movement. Ceramic sleeves are provided for both single-mode and multimode applications to maintain excellent insertion and return loss characteristics. Each adapter includes protective dust caps for both ends.

Features

- Compliant with IEC 61754-13 and RoHS Standards
- Threaded Screw-Type Coupling for Maximum Stability
- Available with Ceramic or Phosphor Bronze Sleeve Options
- Suitable for Both Single-Mode (SM) and Multimode (MM) Fibers
- Low Insertion Loss and High Return Loss
- High Mechanical Strength and Long-Term Durability
- Excellent Interchangeability and Repeatability
- Precision-Machined Metal Housing

Applications

- Patch Panels, ODFs, and Distribution Frames
- Industrial and Rugged Optical Networks
- Telecommunication and CATV Systems
- Optical Test Equipment and Measurement Devices
- Long-Distance Transmission and High-Stability Links

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Specification and Ordering Information

MODEL: IK-FOA-FC-FC-SM-SX-A

- FOA : Fiber Optic Adapters
- FC-FC: Connector Type
- SM: Single Mode
- SX: Simplex



Characteristics	Conditions
Connector Type	FC/APC-FC/APC
Fiber Model	Single mode
Channel	Simplex
Material	Kirsite

MODEL: IK-FOA-FC-FC-SM-SX-B

- FOA : Fiber Optic Adapters
- FC-FC: Connector Type
- SM: Single Mode
- SX: Simplex



Characteristics	Conditions
Connector Type	FC/APC-FC/APC
Fiber Model	Single mode
Channel	Simplex
Material	Kirsite

MODEL: IK-FOA-FC-FC-SM-SX-C

- FOA : Fiber Optic Adapters
- FC-FC: Connector Type
- SM: Single Mode
- DX: Simplex



Characteristics	Conditions
Connector Type	FC/APC-FC/APC
Fiber Model	Single mode
Channel	Simplex
Material	Kirsite

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MODEL : IK-FOA-FC-FC



MODEL: IK-FOA-FC-FC-SM/MM-SX-A

- FOA : Fiber Optic Adapters
- FC-FC: Connector Type
- SM/MM: Single Mode/ Multimode
- SX: Simplex



Characteristics	Conditions
Connector Type	FC/UPC-FC/UPC
Fiber Model	Single Mode/ Multimode
Channel	Simplex
Material	Kirsite

MODEL: IK-FOA-FC-FC-SM/MM-SX-B

- FOA : Fiber Optic Adapters
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- SM/MM: Single Mode/ Multimode
- SX: Simplex



Characteristics	Conditions
Connector Type	FC/UPC-FC/UPC
Fiber Model	Single Mode/ Multimode
Channel	Simplex
Material	Kirsite

MODEL: IK-FOA-FC-FC-SM/MM-SX-C

- FOA : Fiber Optic Adapters
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- SX: Simplex



Characteristics	Conditions
Connector Type	FC/UPC-FC/UPC
Fiber Model	Single Mode/ Multimode
Channel	Simplex
Material	Kirsite

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MODEL : IK-FOA-FC-FC



MODEL: IK-FOA-FC-FC-SM/MM-DX

- FOA : Fiber Optic Adapters
- FC-FC: Connector Type
- SM/MM: Single Mode/ Multimode
- DX: Duplex



Characteristics	Conditions
Connector Type	FC/UPC-FC/UPC
Fiber Model	Single Mode/ Multimode
Channel	Duplex
Material	Kirsite