

SC - FC Adapters

MODEL : IK-FOA-SC-FC



Description

SC-FC Hybrid Fiber Adapters are designed to connect SC connectors to FC connectors, ensuring seamless integration between different connector types. Built with high-precision alignment sleeves and durable housings, these adapters provide excellent optical performance and stable connectivity. Ceramic sleeves are used for both single-mode and multimode applications to guarantee low insertion loss and high return loss. Each adapter includes protective caps to prevent dust contamination.

Features

- Compliant with IEC and RoHS Standards
- Hybrid Design for SC to FC Connector Compatibility
- High-Precision Ceramic Alignment Sleeve
- Supports Both Single-Mode (SM) and Multimode (MM) Fibers
- Low Insertion Loss and High Return Loss
- Strong Mechanical Structure for Reliable Performance
- Good Interchangeability and Repeatability
- Available in Different Housing Types (Plastic/Metal)

Applications

- Patch Panels, ODFs, and Hybrid Optical Systems
- Network Integration Where SC and FC Interfaces Coexist
- Telecommunication Networks and CATV Systems
- Fiber Testing, Measurement Equipment, and Lab Environments
- Optical Network Expansion and Upgrade Projects

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Specification and Ordering Information

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

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



| Characteristics | Conditions |
|-----------------|---------------|
| Connector Type | SC/APC-FC/APC |
| Fiber Model | Single Mode |
| Channel | Simplex |
| Material | ABS |

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

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



| Characteristics | Conditions |
|-----------------|---------------|
| Connector Type | SC/UPC-FC/UPC |
| Fiber Model | Single Mode |
| Channel | Simplex |
| Material | ABS |

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

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



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