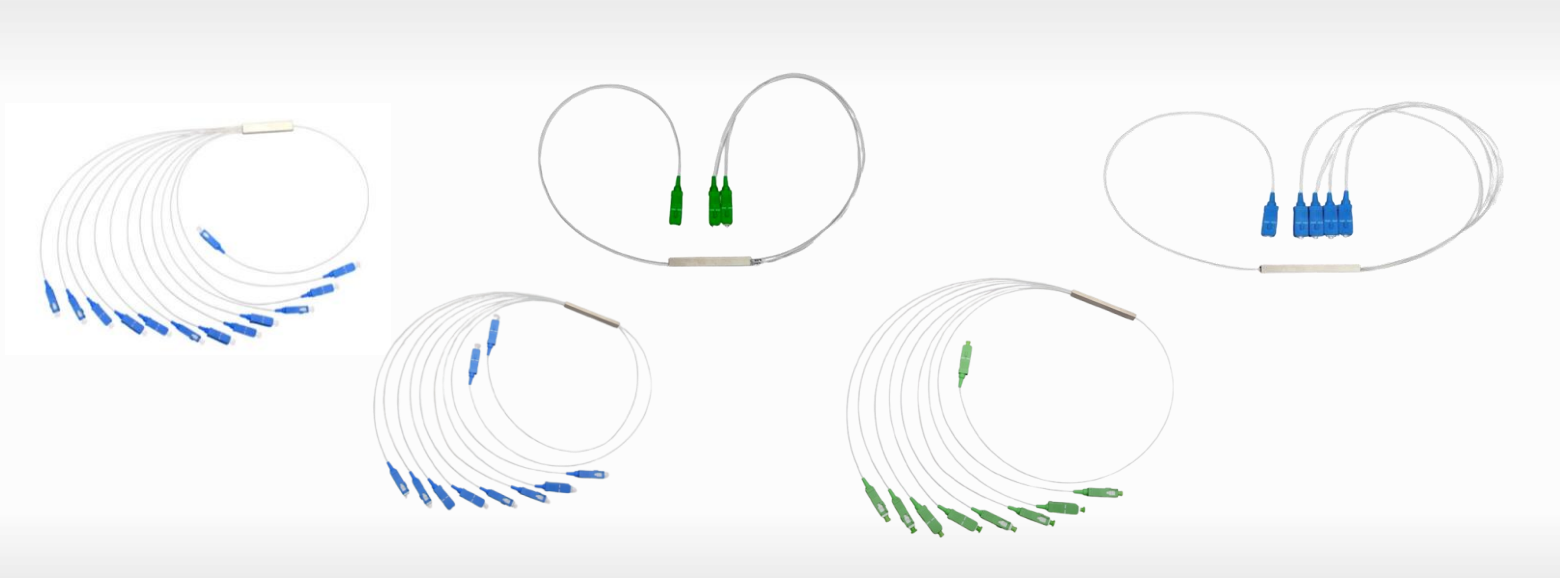


Mini Steel Tube Type Splitters



Description

Mini Steel Tube Type Fiber Optic Splitters are compact optical power distribution devices based on PLC (Planar Lightwave Circuit) or FBT (Fused Biconical Taper) technology. They are designed to evenly split or combine optical signals from one or two input fibers into multiple output fibers with stable performance and low insertion loss. The splitter is packaged in a mini stainless steel tube, providing excellent mechanical protection while maintaining a small footprint, making it ideal for dense fiber management and FTTH deployments.

Features

- Compact mini steel tube package for easy installation
- Supports multiple split ratios: 1:2, 1:4, 1:8, 1:12, 1:16, 2:8
- Compatible with SC, LC, FC connectors
- Available in UPC and APC polish
- Low insertion loss and low PDL
- High uniformity and excellent channel consistency
- High return loss

Mini Steel Tube Type Splitters

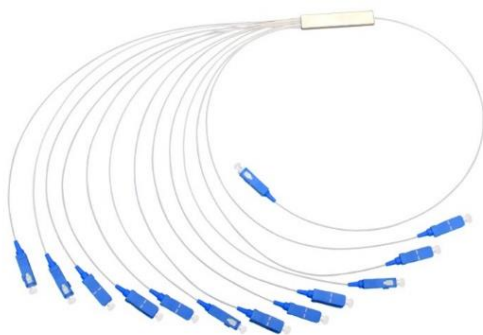
Applications

- FTTH (Fiber to the Home) networks
- CATV optical signal distribution
- Telecommunication networks
- LAN, WAN, and Metro networks
- Fiber distribution boxes, closures, and splice trays

Ordering information

PLC SC/UPC 1:12 Mini steel tube type Splitter
MODEL: IK-FOP-SC-UPC-C

- FOP: Fiber Optic Splitters & Pigtails
- SC-UPC: Connector Type



Specifications

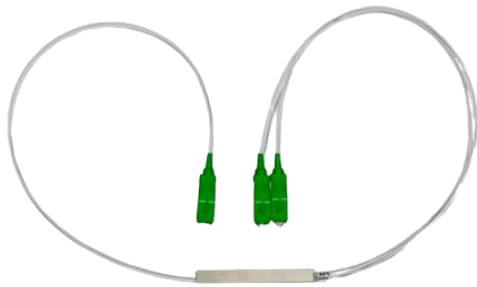
Characteristics	Conditions
Return Loss Min. (dB)	50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650

Mini Steel Tube Type Splitters

Ordering information

FBT SC/APC 1:2 Mini steel tube type Splitter
MODEL: IK-FOP-SC-APC-C

- FOP: Fiber Optic Splitters & Pigtails
- SC-APC: Connector Type



Specifications

Characteristics	Conditions
Excess Loss (dB)	0.15
Operating Temperature (°C)	-30 ~ +85
Directivity Min. (dB)	≥ 50
Storage Temperature (°C)	-40 ~ -85
Operating Wavelength (μm)	1310±40 & 1550±40

Ordering information

FBT SC / UPC 1 : 2 Mini steel tube type Splitter
MODEL: IK-FOP-SC-UPC-F

- FOP: Fiber Optic Splitters & Pigtails
- SC-UPC: Connector Type



Specifications

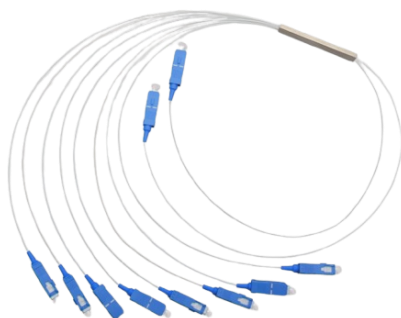
Characteristics	Conditions
Excess Loss (dB)	0.15
Operating Temperature (°C)	-30 ~ +85
Directivity Min. (dB)	≥ 50
Storage Temperature (°C)	-40 ~ -85
Operating Wavelength (μm)	1310±40 & 1550±40

Mini Steel Tube Type Splitters

Ordering information

PLC SC/UPC 2:8 Mini steel tube type Splitter
MODEL: IK-FOP-SC-UPC-G

- FOP: Fiber Optic Splitters & Pigtails
- SC-UPC: Connector Type



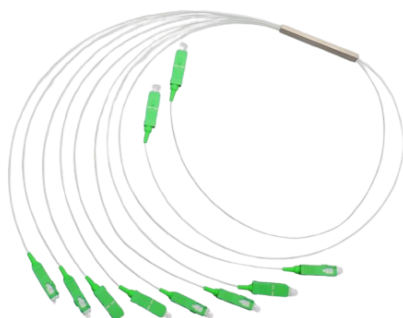
Specifications

Characteristics	Conditions
Return Loss Min. (dB)	55/50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650

Ordering information

PLC SC/APC 2:8 Mini steel tube type Splitter
MODEL: IK-FOP-SC-APC-D

- FOP: Fiber Optic Splitters & Pigtails
- SC-APC: Connector Type



Specifications

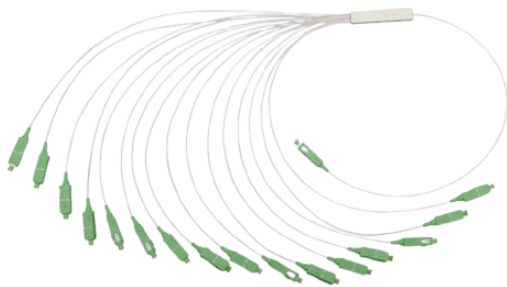
Characteristics	Conditions
Return Loss Min. (dB)	55/50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650

Mini Steel Tube Type Splitters

Ordering information

PLC SC/APC 1:16 Mini steel tube type Splitter
MODEL: IK-FOP-SC-APC-E

- FOP: Fiber Optic Splitters & Pigtails
- SC-APC: Connector Type



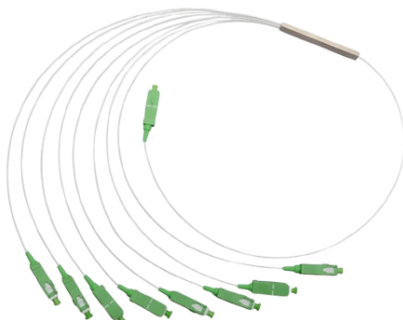
Specifications

Characteristics	Conditions
Return Loss Min. (dB)	55/50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650

Ordering information

PLC SC/APC 1:8 Mini steel tube type Splitter
MODEL: IK-FOP-SC-APC-F

- FOP: Fiber Optic Patch Panel
- SC-APC: Connector Type



Specifications

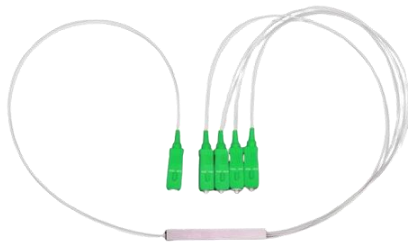
Characteristics	Conditions
Return Loss Min. (dB)	55/50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650

Mini Steel Tube Type Splitters

Ordering information

PLC SC/APC 1:4 Mini steel tube type Splitter
MODEL: IK-FOP-SC-APC-G

- FOP: Fiber Optic Splitters & Pigtails
- SC-APC: Connector Type



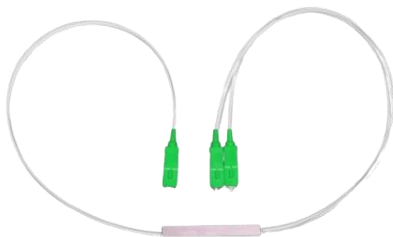
Specifications

Characteristics	Conditions
Return Loss Min. (dB)	55/50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650

Ordering information

PLC SC/APC 1:2 Mini steel tube type Splitter
MODEL: IK-FOP-SC-APC-H

- FOP: Fiber Optic Splitters & Pigtails
- SC-APC: Connector Type



Specifications

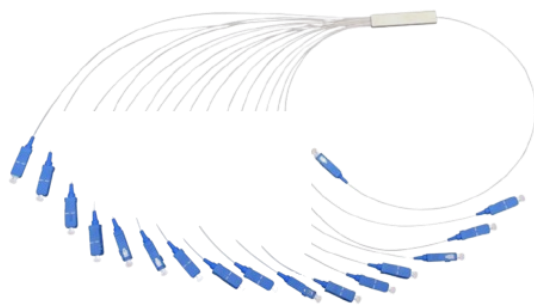
Characteristics	Conditions
Return Loss Min. (dB)	55/50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650

Mini Steel Tube Type Splitters

Ordering information

PLC SC/UPC 1:16 Mini steel tube type Splitter
MODEL: IK-FOP-SC-UPC-H

- FOP: Fiber Optic Splitters & Pigtails
- SC-UPC: Connector Type



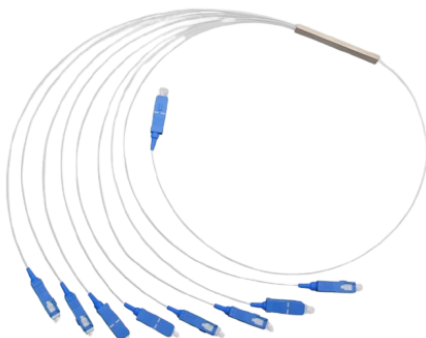
Specifications

Characteristics	Conditions
Return Loss Min. (dB)	55/50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650

Ordering information

PLC SC/UPC 1:8 Mini steel tube type Splitter
MODEL: IK-FOP-SC-UPC-I

- FOP: Fiber Optic Splitters & Pigtails
- SC-UPC: Connector Type



Specifications

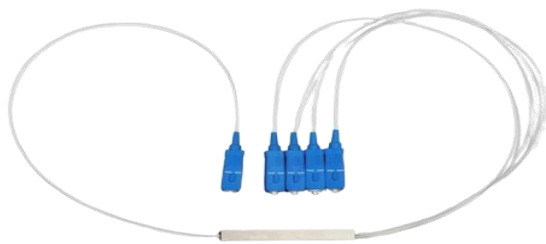
Characteristics	Conditions
Return Loss Min. (dB)	55/50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650

Mini Steel Tube Type Splitters

Ordering information

PLC SC/UPC 1:4 Mini steel tube type Splitter
MODEL: IK-FOP-SC-UPC-J

- FOP: Fiber Optic Splitters & Pigtails
- SC-UPC: Connector Type



Specifications

Characteristics	Conditions
Return Loss Min. (dB)	55/50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650

Ordering information

PLC SC/UPC 1:2 Mini steel tube type Splitter
MODEL: IK-FOP-SC-UPC-K

- FOP: Fiber Optic Splitters & Pigtails
- SC-UPC: Connector Type



Specifications

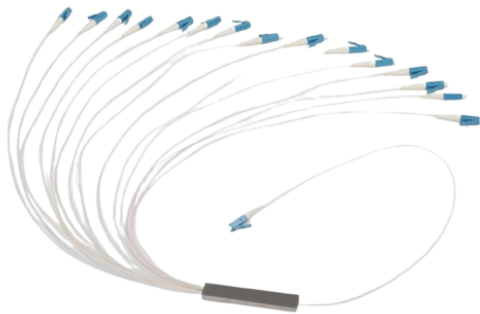
Characteristics	Conditions
Return Loss Min. (dB)	55/50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650

Mini Steel Tube Type Splitters

Ordering information

PLC LC/UPC 1:16 Mini steel tube type Splitter
MODEL: IK-FOP-LC-UPC-A

- FOP: Fiber Optic Splitters & Pigtails
- LC-UPC: Connector Type



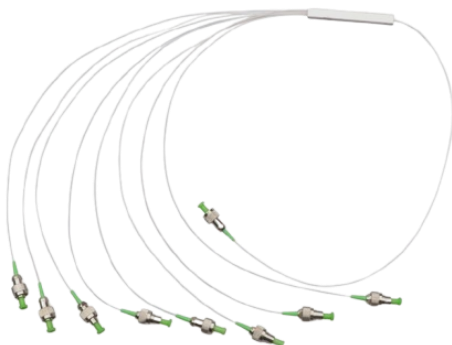
Specifications

Characteristics	Conditions
Return Loss Min. (dB)	55/50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650

Ordering information

PLC FC/APC 1:8 Mini steel tube type Splitter
MODEL: IK-FOP-FC-APC-B

- FOP: Fiber Optic Splitters & Pigtails
- FC-APC: Connector Type



Specifications

Characteristics	Conditions
Return Loss Min. (dB)	55/50
Operating Temperature (°C)	-40 ~ +85
Directivity Min. (dB)	≥ 55
Storage Temperature (°C)	-40 ~ +85
Operating Wavelength (μm)	1260 ~ 1650