

Cassette Splitter Type



Description

Cassette type fiber optic splitters are passive optical components that split an incoming optical signal into multiple outputs. These devices are widely used in optical network architectures, including FTTH (Fiber to the Home) networks, telecom applications, and data centers for signal distribution.

Features

- Designed for easy integration in optical distribution frames (ODF) or patch panels.
- Minimizes signal loss for efficient data transmission.
- Stable performance in harsh environments and temperature fluctuations.
- Meets environmental standards for safe disposal and material usage.

Applications

- Fiber to the Home (FTTH)
- Telecom Networks
- Data Centers
- Passive Optical Networks (PON)

Cassette Splitter Type

Ordering information

Cassette Splitter SC/UPC 1:9 With Pigtail
MODEL: IK-FOP-SC-UPC-A

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



Specifications

Characteristics	Conditions
Return Loss Min. (dB)	55
Operating Temperature (°C)	-40 ~ -85
Directivity Min. (dB)	55
Storage Temperature (°C)	-40 ~ -85
Uniformity (dB)	≤ 1.0 dB
Connector Type	SC/APC

Ordering information

Cassette Splitter SC/UPC 1:17 With Pigtail
MODEL: IK-FOP-SC-UPC-B

- 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
Uniformity (dB)	≤ 1.2 dB
Connector Type	SC/UPC

Cassette Splitter Type

Ordering information

Cassette Splitter SC/APC 1:8 With Pigtail
MODEL: IK-FOP-SC-APC-A

- 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

Cassette SC/UPC 1:8 Splitter With Pigtail
MODEL: IK-FOP-SC-UPC-D

- 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

Cassette Splitter Type

Ordering information

SC/UPC 1:9 Cassette type Splitter
MODEL: IK-FOP-SC-UPC-E

- 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
Uniformity (dB)	≤ 0.8 dB
Connector Type	SC/UPC

Ordering information

Cassette SC/APC 1:32 Cassette type Splitter
MODEL: IK-FOP-SC-APC-M

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



Specifications

Characteristics	Conditions
Return Loss Min. (dB)	50
Operating Temperature (°C)	-40 ~ -85
Directivity Min. (dB)	55
Storage Temperature (°C)	-40 ~ -85
Uniformity (dB)	≤ 1.2 dB
Connector Type	SC/UPC

Cassette Splitter Type

Ordering information

Cassette SC/APC 1:16 Cassette type Splitter

MODEL: IK-FOP-SC-APC-N

- 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

Cassette SC/APC 1:8 Splitter

MODEL: IK-FOP-SC-APC-O

- 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

Cassette Splitter Type

Ordering information

Cassette SC/APC 1:4 Splitter
MODEL: IK-FOP-SC-APC-P

- 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

Cassette SC/APC 1:2 Splitter
MODEL: IK-FOP-SC-APC-Q

- 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

Cassette Splitter Type

Ordering information

Cassette SC/UPC 1:32 Splitter
MODEL: IK-FOP-SC-UPC-Q

- 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

Cassette SC/UPC 1:16 Splitter
MODEL: IK-FOP-SC-UPC-R

- 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

Cassette Splitter Type

Ordering information

Cassette SC/UPC 1:8 Splitter
MODEL: IK-FOP-SC-UPC-S

- 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

Cassette SC/UPC 1:4 Splitter
MODEL: IK-FOP-SC-UPC-T

- 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

Cassette Splitter Type

Ordering information

Cassette SC/UPC 1:2 Splitter
MODEL: IK-FOP-SC-UPC-U

- 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

Cassette FC/APC 1:16 Splitter
MODEL: IK-FOP-FC-APC-G

- 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

Cassette Splitter Type

Ordering information

Cassette FC/APC 1:8 Splitter

MODEL: IK-FOP-FC-APC-H

- 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

Ordering information

Cassette FC/APC 1:4 Splitter

MODEL: IK-FOP-FC-APC-I

- 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

Cassette Splitter Type

Ordering information

Cassette FC/APC 1:2 Splitter
MODEL: IK-FOP-FC-APC-J

- 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

Ordering information

Cassette FC/UPC 1:16 Splitter
MODEL: IK-FOP-FC-UPC-E

- FOP: Fiber Optic Splitters & Pigtails
- FC-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

Cassette Splitter Type

Ordering information

Cassette FC/UPC 1:8 Splitter
MODEL: IK-FOP-FC-UPC-F

- 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

Ordering information

Cassette FC/UPC 1:4 Splitter
MODEL: IK-FOP-FC-UPC-G

- FOP: Fiber Optic Splitters & Pigtails
- FC-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

Cassette Splitter Type

Ordering information

Cassette FC/UPC 1:2 Splitter
MODEL: IK-FOP-FC-UPC-H

- 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