

FBT Optical Splitter 1x2, FC/APC

Fiber Optics / Optical Splitters

FBT 1x2 · FC/APC · 1310/1550 nm



DIVISOR ÓPTICO FBT 1x2

FC/APC · 1310 / 1550 nm

KG-FO-FBT-1X2-FCAPC

Technology

FBT — Fused Biconical Taper

Format

Box with pigtails

Configuration

1 input × 2 outputs

Key features

- 1 input and 2 optical outputs.
- FC/APC termination on the input and output fibers.
- Wavelength of 1310 / 1550 nm.
- Insertion loss of 3.5 dB according to the manufacturer datasheet.
- Body of 90 × 20 × 10 mm.
- Percentage split ratio to be confirmed when quoting.
- Passive component, no external power supply.

Technical specifications

Parameter	Specification
Technology	FBT — Fused Biconical Taper
Format	Box with pigtails
Configuration	1 input × 2 outputs
Termination	FC/APC
Power distribution	Percentage split ratio to be confirmed
Fiber length	To be confirmed by version

Technical specifications

Parameter	Specification
Wavelength	1310 / 1550 nm
Insertion loss (catalog)	3.5 dB
PDL (catalog)	0.2 dB
Body dimensions (L × W × H)	90 × 20 × 10 mm
Operating temperature	−40 to +85 °C
Operation	Passive
Sales unit	1 optical splitter
Packaging	Optional blister packaging not included
Image	Series reference image. The number of outputs corresponds to the configuration specified for this SKU.
Specification basis	Manufacturer datasheet for this technology, configuration and termination. Values published in the catalog.
Warranty	5 years

Applications

FTTH / PON networks

Distribution of one feeder fiber to 2 branches, depending on the power budget and network configuration.

Distribution points

Integration in boxes, trays and cabinets with adequate fiber space.

Expansion and maintenance

Selection by technology, output count and connector termination.

Distribution by building zone

Assign optical outputs to different areas or subscribers and label each branch; calculate accumulated losses before adding further splits.

Packaging & contents

1 optical splitter. The base quotation excludes optional blister packaging.

Warranty

KONGIA 5-year warranty.

Declared compliance

RoHS · ISO 9001 · REACH · CE Compliant