

## FBT Splitter



### Product Description

FBT splitter bundles two or more fibers together, and then melts and stretches them on a taper, and monitors the change of the split ratio in real time. After the split ratio reaches the requirement, the melt stretch is completed, and one end of the fiber is retained. (the rest is cut off) as the input, and the other end is used as the multi-output. fused fibers are very fragile, they are protected by a glass tube made of epoxy and silica powder. Then a stainless steel tube covers the inner glass tube and is sealed by silicon. FBT splitter with ABS box is also widely used for different applications.

### Features

- Various coupling ratio(1:99, 5:95, 10:90, 15:85, 20:80, 30:70, 40:60, 50:50....) available
- Various connector(SC/UPC, SC/APC, LC/UPC, LC/APC) available
- With or without connector optional
- 1x2 or 1x3 optional
- Pigtail length from 0.35m to 1.5m optional
- Low insertion loss, low PDL
- High credibility and stability

### Application

- Optical Signal Distribution
- Data Communications
- Lan and CATV System
- FTTX Deployment
- FTTH Network
- Passive Optical Networks (PON)

**Specification**

Splitting Ratio	Unit	50/50	40/60	30/70	20/80	10/90	5/95
Wavelength	nm	1310nm ,1550nm,1310&1550nm,1310&1490&1550nm					
Insertion loss	dB	≤3.7	≤4.7/2.7	≤6.0/2.0	≤7.8/1.3	≤11.2/0.8	≤14.4/0.5
Loss uniformity	dB	≥55dB					
Return loss	dB	≥55dB					
Operating/storage temperature	°C	-40~+85					
Dimensions (W×H×L)	dB	Steel Tube Packing: 60mm*φ 3.0mm, ABS Plastic Box Packing: 90*20*10mm					