

FBT FIBER OPTIC SPLITTER TRIPLE WINDOW

FBT fiber optic splitter is Fused Biconical Splitter. the main advantages of the FBT splitter are easy production and customized ratio can be available with various input and output connectors in Steel tube, ABS, LGX or rack patch panel package. The FBT fiber optic splitter are have single window, dual window and triple window at wavelength 1310nm, 1550nm, 1490nm or other wavelength as per request.

Features:

- Input and output connector can be SC, SCAPC, LC, LCAPC, FC, FCAPC, ST ect
- Customized splitting ratio can be available , 1:99 or equal ratio
- Input and output cable length customized
- 1310, 1490&1550nm operating bands or customized
- Reliable and cost effective
- Telcordia GR-1209-CORE, CR-1221-CORE compliant



Application:

- FTTX , CATV networks
- Passive optical networks and LAN
- Optical communication system

Characteristics:

Configuration Parameter	N×4 N=1, 2, 4	N×8 N=1, 2, 8	N×16 N=1, 2, 16	N×32 N=1, 2, 32
Operating Wavelength (nm)	1310, 1490 and 1550			
Bandwidth (nm)	1310±40, 1490±10 and 1550±40			
Fiber Type	Corning SMF-28e			
Max. Excess Loss (dB)	0.2	0.3	0.4	0.5
Typ. Insertion Loss (dB)	6.2	9.3	12.4	15.5
Max. Insertion Loss (dB)	7.0	10.5	14	17.5
Uniformity (dB)	≤1.6	≤2.4	≤3.2	≤4.0
Polarization Dependent Loss (dB)	≤0.2	≤0.3	≤0.4	≤0.5
Thermal Stability (dB)	≤0.2	≤0.3	≤0.4	≤0.5
Directivity (dB)	≥ 55			
Operating Temperature (°C)	-20 to +70			