

FBT FIBER OPTIC SPLITTER DUAL 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&1550nm two 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 systems

Single mode Dual Window FBT Splitter			
Grade Parameter		P	A
Operating wavelength (nm)		1310, 1550, others on request	
Operating bandwidth (nm)		±20	
Typical excess loss (dB)		0.07	0.10
Insertion loss (dB)	50/50	≤3.4	≤3.6
	40/60	≤4.4/2.6	≤4.7/2.8
	30/70	≤5.7/1.9	≤6.0/2.0
	20/80	≤7.6/1.2	≤8.0/1.3
	10/90	≤11.0/0.65	≤11.5/0.8
	5/95	≤14.2/0.4	≤14.8/0.5
	3/97	≤16.7/0.3	≤17.2/0.4
	2/98	≤18.5/0.25	≤19.0/0.35
	1/99	≤21.5/0.2	≤22.0/0.3
PDL (dB)		≤0.10	≤0.15
Directivity (dB)		≥55	
Operating temperature (°C)		-40 ~ +85	