

FIBER OPTIC FBT (Fused Biconical Taper) SPLITTERS

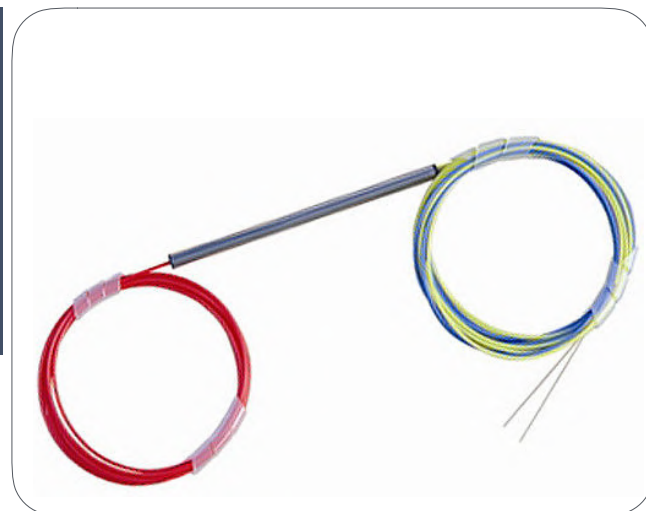
The FBT Splitter is one of the most important passive devices in the optical fiber link. It is an optical fiber tandem device with many in and output terminals, especially applicable to a passive optical network (EPON, GPON, BPON, FTTX, FTTH, etc) to connect the MDF and the terminal equipment.

Compliance:

Telcordia GR-1209-CORE

Telcordia GR-1221-CORE

RoHS



	Standard	Wavelength Flattened	Broadband
Centre Wavelength (nm)	1310 ~ 1550		
Bandwidth (nm)	± 20	± 40	± 40
Coupling ratio (%)	1 ~ 50		
Typical insertion loss (dB)	≤ 3.2		
Typical excess loss (dB)	≤ 0.15	≤ 0.20	≤ 0.20
PDL (dB)	≤ 0.10	≤ 0.15	≤ 0.15
Directivity (dB)	≥ 60		
Temperature Stability (dB/°C)	≤ 0.002		
Operating Temperature (°C)	-40 ~ +70		

ORDERING INFORMATION

Type	Fibre type		Tails A		Out A		Pol. A		Length (M)		Diameter A	
ABS	01	<i>G.652B</i>	1		FC	A	<i>APC</i>	0.25	A	<i>250um</i>		
FBT	02	<i>G.652D</i>	2		E2000	U	<i>UPC</i>	0.5	B	<i>900um</i>		
PLC	655	<i>G.655</i>			LC			1	C	<i>1.2mm</i>		
	7A1	<i>G.657A1</i>			MU			1.5	D	<i>2mm</i>		
	7A2	<i>G.657A2</i>			SC			2	E	<i>3mm</i>		
	7B3	<i>G.657B3</i>			ST			2.5				
	M1	<i>OM1</i>										
	M2	<i>OM2</i>										
	M3	<i>OM3</i>										
	M4	<i>OM4</i>										

Tails B	Out B	Pol. B		Length (M)	Diameter B		Jacket		Color	
2	FC	A	<i>APC</i>	0.25	A	<i>250um</i>	L	<i>LSZH</i>	12	<i>12 Colors</i>
4	E2000	U	<i>UPC</i>	0.5	B	<i>900um</i>	P	<i>PVC</i>	A	<i>Aqua</i>
8	LC			1	C	<i>1.2mm</i>			O	<i>Orange</i>
16	MU			1.5	D	<i>2mm</i>			W	<i>White</i>
32	SC			2	E	<i>3mm</i>			Y	<i>Yellow</i>
64	ST			2.5						

ORDERING INFORMATION EXAMPLE

FBT	7A1	1					1		A
2				1	A		L		W

Configuration: FBT Splitter G.657A1 1x2 No Connectors 1mt tails 250um LSZH White

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