

### 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		

#### HONG KONG

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## TECHNICAL SPECIFICATION

ORDERING INFORMATION												
Type	Fibre type		Tails A		Out A		Pol. A		Length (M)	Diameter A		
ABS	01	G.652B	1		FC		A	APC	0.25	A	250um	
FBT	02	G.652D	2		E2000		U	UPC	0.5	B	900um	
PLC	655	G.655			LC				1	C	1.2mm	
	7A1	G.657A1			MU				1.5	D	2mm	
	7A2	G.657A2			SC				2	E	3mm	
	7B3	G.657B3			ST				2.5			
	M1	OM1										
	M2	OM2										
	M3	OM3										
	M4	OM4										
Tails B	Out B		Pol. B		Length (M)		Diameter B		Jacket		Color	
2	FC		A	APC	0.25		A	250um	L	LSZH	12	12 Colors
4	E2000		U	UPC	0.5		B	900um	P	PVC	A	Aqua
8	LC				1		C	1.2mm			O	Orange
16	MU				1.5		D	2mm			W	White
32	SC				2		E	3mm			Y	Yellow
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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