

PON-POS-2 (FBT Splitter)

Dual-wavelength Fused Bi-conical Taper 1×N splitter

PRODUCT DESCRIPTION

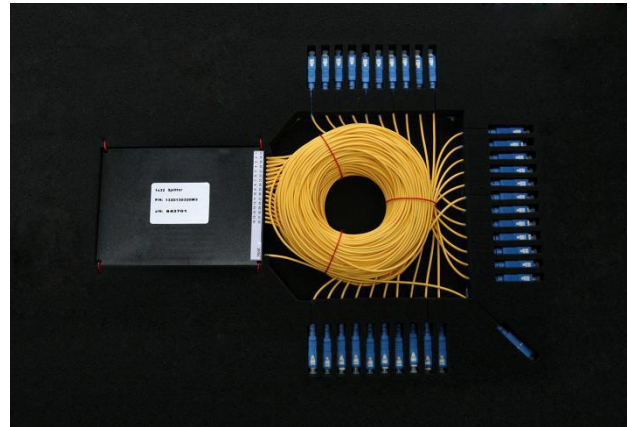
GT dual-wavelength Fused Bi-conical Taper splitter (FBT) 1×N star optical fiber splitter is the series connection of N-1 pieces of 1 × 2 splitter. The bandwidth of +/-40nm under 1310nm and 1550nm, or 1310nm and 1490nm makes the splitter meet the requirement of ratio accuracy under both the two wavelengths. And it has feature of low additional loss and low polarization sensibility loss.

PRODUCT FEATURE

- ▶ Dual Broadband
- ▶ Low loss
- ▶ Low polarization sensibility loss.
- ▶ Can resist the change of environment.

MAIN APPLICATION

- ▶ FTTP (FTTH, FTTO)
- ▶ FTTB, FTTC, FTTN
- ▶ HFC



TECHNIQUE INDEX

Operating wavelength(nm)	1260~1650									
Ratio(dB)	1×4		1×8		1×12		1×16		1×32	
Grade	P	A	P	A	P	A	P	A	P	A
Insertion loss Max(dB)	7.2	7.4	10.5	10.7	-	12.5	13.5	13.7	15.5	16.9
Typical excess loss(dB)	N/A		N/A		-	N/A	N/A		N/A	
Uniformity Max(dB)	0.6		0.8		-	1.5	1.2		1.7	
Reflect loss Min(dB)	50	50	50	50	-	50	50	50	50	50
Polarization dependent loss(dB)	0.2		0.3		-	0.3	0.3		0.3	
Directivity Min(dB)	≥55									
Pigtail length	1.5									
Fiber type	SMF-28E									
Operating temp. (°C)	-20~70									
Storage temp.(°C)	-40~85									
Size(L×W×H) (mm)	106×79×10		125×96×15		145×116×18		145×116×18		145×116×18	

Note: 1. All measurement were done at room temperature, and specification include connectors.

2. S: standard P: optimum