

PON-FBT-1

Single-wavelength Fused Bi-conical Taper 1×N splitter (FBT Splitter)

Application

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



Features

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

Datasheet

Parameter		Unit	Index							
Operating Wavelength			1310±40nm Or 1490±40nm Or 1550±40nm							
Ratio		dB	1×4		1×8		1×16		1×32	
Insert Loss Max		dB	S6.8	P6.2	S10.2	P9.3	S13.6	P12.4	S17.0	P15.5
Uniformity Max		dB	≤1.4		≤2.1		≤2.8		≤3.5	
Reflect Loss Min	APC	dB	S50	P55	S50	P55	S50	P55	S50	P55
	UPC	dB	S45	P50	S45	P50	S45	P50	S45	P50
Polarization Dependent Loss Max		dB	≤0.2		≤0.3		≤0.4		≤0.5	
Stable Temp. (-40~85°C)		dB	≤0.2		≤0.3		≤0.4		≤0.5	
Directivity Min		dB	≥60							
Pigtail Length		m	1.0±0.1 Or Customer Specified							
Fiber Type			SMF-28. 0.9, 2, 3mm Or Customer Specified							
Operating Temp.		°C	-20~70							
Storage Temp.		°C	-40~85							
Dimension		mm	106×79×10		125×96×15		145×116×18		145×116×18	

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

2. S: standard P: optimum