

PON-FBT-2

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

Application

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



Features

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

Datasheet

Parameter	Unit	Index									
Operating Wavelength	nm	1310±40nm Or 1490±40nm Or 1550±40nm									
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 Max	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									
Dimension	mm	106×79×10		125×96×15		145×116×18		145×116×18		145×116×18	

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