

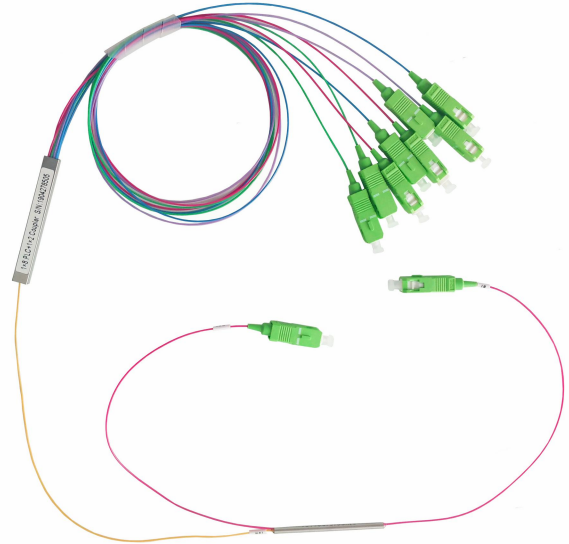
1x2 FBT for input of 1x8 PLC Spitter, SC/APC

Features:

- Low insertion loss, Low PDL and High reliability
- High return loss and Good repeatability
- Wide wavelength range
- Excellent channel-to-channel uniformity

Applications:

- LAN, WAN and Metro Networks
- FTTH project & FTTX Deployments
- CATV System
- GPON, EPON
- Fiber Optic Test Equipment
- Data-base Transmit Broadband Net



Encapsulation Size

Item	1x2 FBT	1x8 PLC
Length*Width*Height (mm)	∅ 3.0x54mm	60x7x4
Input	0.9mm, 0.22M	/
Input Color	Purple	/
Output	0.9mm, 0.22M	0.9mm, 0.5M
Output Color	Purple, Yellow(Low ratio)	Red, Green, Light blue, dark blue, dark blue, Light blue, Green, Red

Specifications

Item	1x2 FBT for input of 1x8 PLC Spitter
60% Insertion Loss (dB)	≤2.9
40%+PLC Insertion Loss (dB)	≤15
70% Insertion Loss (dB)	≤2.1
30%+PLC Insertion Loss (dB)	≤16.3
80% Insertion Loss (dB)	≤1.5
20%+PLC Insertion Loss (dB)	≤18.2
85% Insertion Loss (dB)	≤1.3
15%+PLC Insertion Loss (dB)	≤19.5
90% Insertion Loss (dB)	≤0.9
10%+PLC Insertion Loss (dB)	≤21.6
Fiber Type	G.657.A1



Working Wavelength	1260nm~1650nm
Uniformity (dB)	≤0.6
PDL (dB)	≤0.2
Wavelength Dependent Loss (dB)	≤0.6
Return Loss (dB)	≥55
Directivity (dB)	≥55
Operating Temp. Range	-40°C~ +85°C