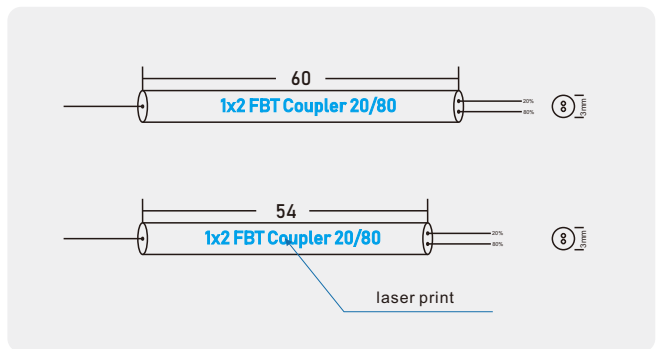
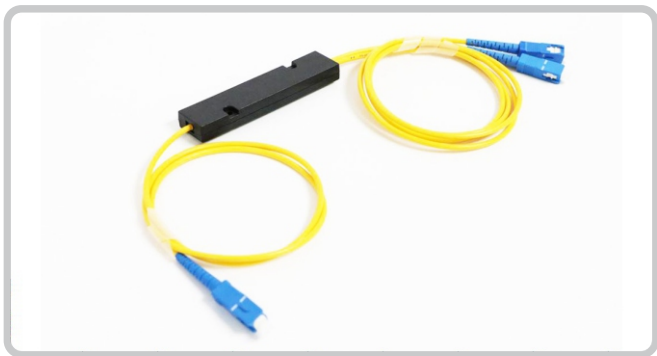


1X2 FBT Coupler



Features and Benefits:

- Low inserton loss
- Coupling ratio from 50/50 to 1/99
- Wavelength range from 1310nm to 1550nm
- High Stability and Reliability



Specifications:

Parameter	1x2 or 2x2 SM dual window Coupler	
Grade	P	A
Coupling Rato(%)	50/50	50/50
Excess Loss (dB)	0.1	0.15
Inserton Loss (dB)	3.6	3.8
Uniformity (dB)	0.7	1.0
Wavelength(nm)	1310/1490/1550± 40	
Fiber Type	Corning SMF-28	
Temperature(°C)	-40~+85	

- Specifications without fiber connectors
- Room temperature test

Coupling Rato/Inserton Loss Conversion Chart :

Rato(%)	Typical	Maximum
50/50	3.6	3.8
45/55	3.9/3.0	4.2/3.3
40/60	4.4/2.5	4.8/2.9
35/65	5.0/2.2	5.2/2.6
30/70	5.7/1.9	6.1/2.2
25/75	6.5/1.6	6.9/1.9
20/80	7.5/1.2	7.9/1.6
15/85	8.9/1.0	9.3/1.3
10/90	10.6/0.7	11.0/1.1
5/95	13.9/0.4	14.3/0.8
1/99	21.0/0.2	21.5/0.3

- Specifications without fiber connectors
- Room temperature test

