

FBT Coupler

Compact Size Dual Window Wideband Coupler

➔ Specifications (50/50)

Parameter	Premium	A Grade
Operating Wavelength Range	1310 & 1550 nm ± 40 nm	
Insertion Loss	≤ 3.6 dB	≤ 3.9 dB
Uniformity (Typical)	≤ 0.8 dB	≤ 1.0 dB
Return Loss	≥ 55 dB (1x2) ≥ 65dB (2x2)	
PDL	≤ 0.15 dB	≤ 0.2 dB
TDL	≤ 0.2dB (-10°C ~ +75°C)	≤ 0.35dB (-40°C ~ +85°C)
Operating & Storage Temperature	- 40° C ~ + 85° C	
Package Dimensions	Light Duty (B)	3.0mm (Φ) x 35.0mm (L)
	Medium Duty (L)	3.0mm (Φ) x 45.0mm (L)

➔ Tap Coupler

Coupling Ratio	Max Insertion Loss	
	Premium	A Grade
40/60	4.7/2.7 dB	5.0/2.5 dB
30/70	6.0/1.9 dB	6.4/2.2 dB
20/80	7.9/1.2 dB	8.5/1.4 dB
10/90	11.3/0.6 dB	12.7/0.8 dB
5/95	15.0/0.4 dB	16.0/0.5 dB
1/99	23.5/0.3 dB	25.0/0.4 dB

Note1: All values specified are without connectors.

Note2: Higher performance specifications are available upon request.

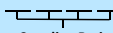
Note3: Fiber Type Corning SMF-28e.

➔ Ordering Information


D W C C



Port Number
12: 1 x 2
22: 2 x 2


Grade
P: Premium
A: A Grade


Coupling Ratio
XY % : XY %


Fiber Length
1: 1 meter
2: 2 meter


Pigtail Style
(=Package style)
B: bare fiber
L: 900 μm loose tube


Connector
0: None
1: FC/PC
2: FC/APC
3: SC/PC
4: SC/APC
5: FC/SPC
6: SC/SPC
7: LC/UPC
8: LC/SPC
9: Special
A: FC/UPC
B: SC/UPC
C: ST