FBT COUPLER

1 x 3 Single Fused Single Window Wideband Coupler

Specifications

Parameter		Premium	A Grade
Operating Wavelength Range		1311 or 1550 ± 40 nm	
Insertion Loss (Max)		≤ 5.5 dB	≤ 6.0 dB
Uniformity (Typical)		≤ 0.8 dB	≤ 1.2 dB
Return Loss		≥ 50	
PDL		≤ 0.15 dB	≤ 0.15 dB
TDL		≤ 0.2dB (- 10° C ~ + 75° C)	≤ 0.4dB (- 40° C ~ + 85° C)
Operating & Storage Temperature		- 40° C ~ + 85° C	
Package Dimensions	Light Duty (B)	3.0mm (Φ) x 55.0mm (L)	
	Medium Duty (L)	3.0mm (Φ) x 70.0mm (L)	

Tap Coupler

R	Coupling Ratio	Max Insertion Loss	
		Premium	A Grade
1	10/45/45	11.5/4.6/4.6 dB	11.8/4.8/4.8 dB
2	20/40/40	8.2/5.2/5.2 dB	8.5/5.4/5.4 dB
3	30/35/35	6.2/5.6/5.6 dB	6.5/5.8/5.8 dB
4	40/30/30	5.2/6.2/6.2 dB	5.5/6.5/6.5 dB
5	50/25/25	4.2/7.2/7.2 dB	4.4/7.5/7.5 dB
6	60/20/20	3.4/8.3/8.3 dB	3.5/8.5/8.5 dB
7	70/15/15	2.6/9.6/9.6 dB	2.8/9.8/9.8 dB
8	80/10/10	2.2/11.0/11.0 dB	2.4/11.5/11.5 dB

Note1: All values specified are without connectors.
Note3: Fiber type Corning SMF-28e.

Order Information

S W W C - 1 3 - _ - _ - _ - _ - _

- Port Number: 13: 1 x 3
- Grade: P: Premium; A: A Grade
- Coupling Ratio: R: as above
- Wavelength: E: 1310 nm; F: 1480 nm; G: 1510 nm; H: 1550 nm; L: 1625 nm
- Fiber Length: 1: 1 meter; 2: 2 meter; S: Special
- 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

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