

# FBT COUPLER

## Dual Window Wideband Coupler - Mini Size

### Specifications:

Parameter	Premium	A Grade
operating Wavelength	1310 or 1550 $\pm$ 40 nm	
Insertion Loss (Max.)	< 3.6 dB	< 3.9 dB
Uniformity (typical)	0.8 dB	1.0 dB
Return Loss	1x2 $\geq$ 55dB, 2x2 $\geq$ 65dB	
PDL	< 0.15dB	< 0.2 dB
TDIL	0.2 dB (-10 ~ +75°C)	0.35 dB (-40 to +85°C)
Operating & Storage Temperature	-40 to +85°C	
Package Dimensions	Light Duty	$\phi$ 3.0mm x 40.0mm
	900um Loose Tubing	$\phi$ 3.0mm x 45.0mm

### Tap Coupler

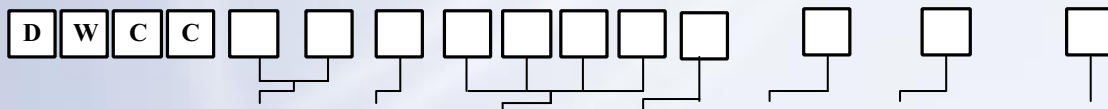
Coupling Ratio	Premium	A Grade
40/60	4.7 / 2.7 dB	5.0 / 2.5 dB
30/70	6.0 / 1.9 dB	6.4 / 2.2 dB
20/80	7.9 / 1.2 dB	8.5 / 1.4 dB
10/90	11.3 / 0.6 dB	12.7 / 0.8 dB
5/95	15.0 / 0.4 dB	16.0 / 0.5 dB
1/99	23.5 / 0.3 dB	25.0 / 0.4 dB

Note1: All values specified are without connectors.

Note2: Fiber type – Corning SMF-28, Other upon request.

Note3: Higher performance requirement up request.

### Order Information:



Port Number	Grade	Coupling Ratio	Wavelength	Fiber length:	Pigtail style: (=package style)	Connector:	
12: 1 x 2 22: 2 x 2	P: Premium A: A Grade	xy% : xy%	A: 630 nm B: 850 nm C: 1060 nm D: 980 nm E: 1310 nm F: 1480 nm G: 1510 nm H: 1550 nm L: 1625 nm	1: 1meter 2: 2meter S: Special	B: bare fiber L: 900 um loose tube	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

REVISION  
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