

FBT Coupler

2μm Polarization Maintaining Coupler

⌚ Specifications

Parameter			
Center Wavelength	Specified by customer		
Operating Wavelength Range	Center wavelength ± 10 nm		
Coupling Ratio	1% (± 0.3%) to 50% (± 5%)		
Excess Insertion Loss (slow axis input, incl. TDL)	≤ 0.5 dB		
Polarization Extinction Ratio	≥ 15 dB		
Return Loss	≥ 55 dB		
Directivity	≥ 55 dB		
Fiber Type	PM Panda fiber		
Operating Temperature	0° C to + 70° C		
Storage Temperature	-40° C ~ + 85° C		
Package Dimensions	Light Duty (B)	3.0mm (Φ) x 60.0mm (L)	3.0mm (Φ) x 55.0mm (L)
	Medium Duty (L)	3.0mm (Φ) x 65.0mm (L)	3.0mm (Φ) x 60.0mm (L)
	Heavy Duty (K, R)	100.0mm x 12.0mm x 8.0mm	

*There will be 1.0 dB less for extinction ratio if connector is added.

Note 1: All value specified are without connectors.

⌚ Ordering Information

P	M	C												
Align Axis			Port Number		Coupling Ratio		Center Wavelength		Fiber Length		Pigtail Style		Connector	
S: Slow F: Fast			12: 1 x 2 22: 2 x 2 13: 1 x 3 14: 1 x 4		XY % : XY % EVEN: Even split		example 1950: 1950nm		1: 1 meter 2: 2 meter S: Special 0: 0.5 meter		B: bare fiber L: 900 μm loose tube K: 2mm cable R: 3mm cable		0: None 7: LC/UPC 1: FC/PC 8: LC/SPC 2: FC/APC 9: Special 3: SC/PC A: FC/UPC 4: SC/APC B: SC/UPC 5: FC/SPC C: ST 6: SC/SPC	