

FBT COUPLER

2 μ m Polarization Maintaining Coupler

➔ Specifications

Parameter

Center Wavelength	Specified by customer		
Operating Wavelength Range	Center wavelength \pm 10 nm		
Coupling Ratio	1% (\pm 0.3%) to 50% (\pm 5%)		
Excess Insertion Loss (slow axis input, including TDL)	\leq 0.5 dB		
Polarization Extinction Ratio	\geq 15 dB		
Return Loss	\geq 55 dB		
Directivity	\geq 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 mm (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.
Note1: All values specified are without connectors.

➔ Ordering Information

P	M	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Align Axis	Port Number	Coupling Ratio	xy% : xy%	Center Wavelength	Fiber Length	Pigtail Style	Connector												
S: Slow	12: 1 x 2			Example:	1: 1 meter	(=Package style)	0: None	7: LC/U/PC											
F: Fast	22: 2 x 2	EVEN: even split		1950 = 1950nm	2: 2 meters	B: Bare fiber	1: FC/PC	8: LC/SPC											
	13: 1 x 3				S: Special	L: 900 μ m loose tube	2: FC/APC	9: Special											
	14: 1 x 4				O: 0.5 meter	K: 2mm cable	3: SC/PC	A: FC/U/PC											
						R: 3mm cable	4: SC/APC	B: SC/U/PC											
							5: FC/SPC	C: ST											
							6: SC/SPC												