

Polarization Maintaining (PM) Fused Coupler (1310, 1480, 1550nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Value
Wavelength		nm	1310, 1480, or 1550
Bandwidth		nm	±15
Excess Loss	Typ.	dB	0.3
Insertion Loss (23°C)	50/50	Max	dB
	20/80	Max	dB
	10/90	Max	dB
	5/95	Max	dB
	1/99	Max	dB
Extinction Ratio		Min	dB
Directivity		Min	dB
Optical Power Handling		Max	mW
Operating Temperature		°C	-40 to 85
Storage Temperature		°C	-40 to 85

* The above specifications are for parts without connectors. Adding connectors can affect the IL & ER.

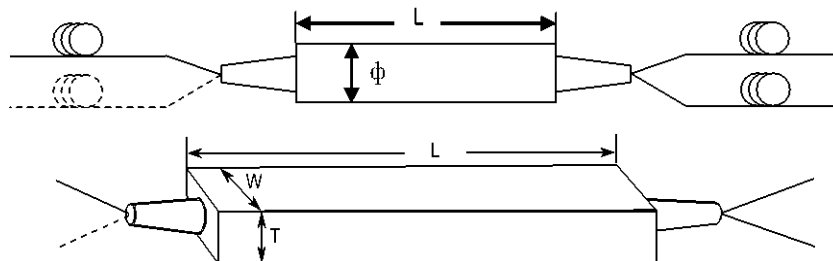
* Connector key is aligned to slow axis.

Packaging

Contact Hengyan Photonics with your custom configuration needs.

Parameter		250μm bare fiber	900μm loose tube	900μm/3mm loose tube
Configuration		1x2 or 2x2		
Dimension	mm	Φ3.0 x L54	Φ3.0 x L54 Φ3.0 x L56	L90 x W20 x T10

Package Diagram



(Page 2)

POLARIZATION MAINTAINING (PM) FUSED COUPLER

(1310, 1480, 1550nm)

Ordering Information

Contact Hengyan Photonics with your custom configuration needs.

PMFC	Type	Wavelength	Coupler Ratio	Port	Package	Fiber Type	Cable Type	Fiber Length	Connector
PMFC (or PMCP)	S=Standard	13=1310	50=50/50	12=1x2	A54=φ3.0 xL54	PM=PM Panda	B=250um	05=0.5m	NE=None
		14=1480	20=20/80	22=2x2	A56=φ3.0xL56		L=900um	10=1.0m	FA=FC/APC
		15=1550	10=10/90		C10=L90xW20	X= Others	W=2mm	15=1.5m	FC=FC/PC
			05=05/95	X= Others	xT10		H=3mm	20=2.0m	SA=SC/APC
			02=02/98					30=3.0m	SC=SC/PC
		X: Others	01=01/99		X=Others			X=Others	ST=ST/PC
			X=Others						X=Others