

POLARIZATION MAINTAINING (PM) FILTER TAP COUPLER, PASS-TYPE

(Fast Axis Blocked: 1310, or 1550nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter	Unit	1 x 2	2 x 2
Wavelength	nm	1310, 1550	
Bandwidth	nm	±20	
Excess Loss	dB	0.6	0.8
Insertion Loss (23°C)	Typ. dB	0.4	0.6
	Max dB	0.6	0.8
Extinction Ratio	Min dB	22	
Return Loss	Min dB	50	
Directivity	Min dB	50	
Optical Power Handling	Max mW	300	
Fiber Type	-	PM panda	
Package Dimension	mm	Φ5.5 x L38	Φ5.5 x L50
Operating Temperature	°C	-5 to 70	
Storage Temperature	°C	-40 to 85	

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

* Connector key is aligned to slow axis.

Ordering Information

Contact Ascentta with your custom configuration needs.

PMTC	Type	Wavelength	Ports	Coupling Ratio	Fiber Type at Input Ports	Fiber Type at Output Port	Fiber Length	Connector
PMTC	P=Pass (Fast axis blocked)	13=1310nm	12=1x2	50=50/50	PMB=PM Panda, 250um	B= SMF-28, 250um	10=1.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC
		15=1550nm	22=2x2	40=40/60 30=30/70 20=20/80 10=10/90 05=5/95 01=1/99	PML=PM Panda, 900um	L= SMF-28, 900um	15=1.5m 20=2.0m 30=3.0m	
		X=Others		X=Others		PMB=PM Panda, 250um PML=PM Panda, 900um X=Others	X=Others	X=Others

Package Dimensions

