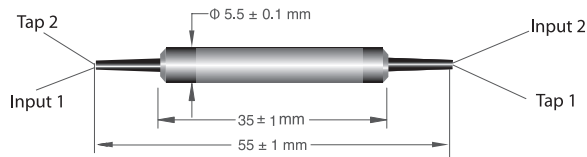
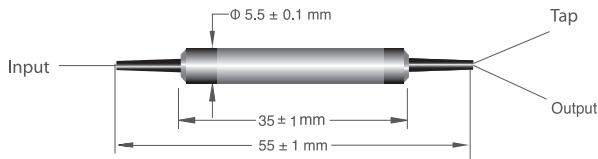
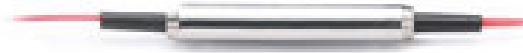


PM TAP COUPLER

- Low Insertion Loss
- High Return Loss

The Polarization Maintaining Tap Coupler is manufactured by using advanced technology to allow the input signal to be split at various ratios with high extinction ratio.



PARAMETERS	VALUE		UNIT	SPECIFICATIONS*
Operating Wavelength (λ_c)	1310 or 1550		nm	
Operating Wavelength Range	$\lambda_c \pm 40$		nm	
Configuration	1x2	2x2		
Max. Excess Loss	0.7	1.1	dB	
Max. Uniformity	0.6	0.8	dB	
Tap Ratio	1 ± 0.2%, 2 ± 0.4%, 4 ± 0.8%, 5 ± 1.0%, 10%, 20% and 50%		%	
Min. Return Loss	50		dB	
Min. Extinction Ratio	20	20	dB	
Max. Optical Power (Continuous Wave)	300		mW	
Max. Tensile Load	5		N	
Operating Temperature	-5 to +70		°C	
Storage Temperature	-40 to +85		°C	
Fiber Type	SMF-28 or PM Panda fiber for tap port PM Panda fiber for input & output ports			

*Note: IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

CODE	WAVELENGTH		N° OF PORTS		COUPLING RATIO		CONNECTOR TYPE		FIBER JACKET		FIBER TYPE FOR TAP PORT		FIBER LENGTH	
	31	55	12	22	01	02	0	A	25	9L	M	PF	07	S
F4M-PMTC	1310 nm	1550 nm	1X2	2X2	1/99	2/98	None	SC/UPC	250µm Bare Fiber	900µm Loose Tube	SMF-28	Panda Fiber	0.75m (Std.)	Specify
	S	Specify			4/96	5/95	SC/APC	FC/UPC	S	Specify	S	Specify		
					5/95	10/90	FC/APC	FC/APC						
					10/90	20/80	LC/UPC	LC/UPC						
					20/80	50/50	LC/APC	LC/APC						
					50/50	S	Specify	Specify						
					S									
					S									

ORDER CODE example: **F4M-PMTC - 31 - 12 - 50 - S - S - PF - S**

ORDER CODES

Specifications may change without notice. Display Product Photos Shown are samples for viewing, not actual products. Colours and styles may vary.

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