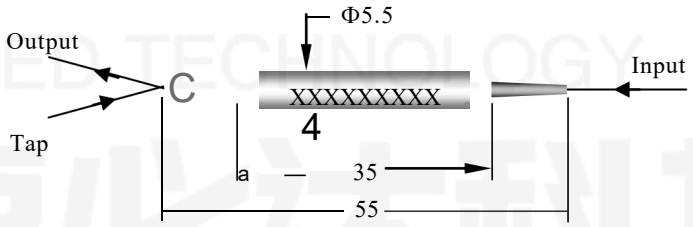
Polarization Maintaining Tap Isolator (1310/1550nm)

1. Features:

- Low insertion loss
- High extinction ratio
- High Return Loss
- Excellent environmental stability and reliability



2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system

3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

4. Specifications:

Parameters \ Type	Unit	Values	
Grade		Single Stage	Dual Stage
Operating Wavelength Range	nm	1550±20& 1310±20	
Port Type		1X2	
Excess Loss	dB	≤0.8	≤0.9
Isolation@23℃	dB	≥30	≥45
Extinction Ratio (only for F type)	dB	≥22	≥22
Tap Ratio	%	1 ± 0.2%, 2 ± 0.4%, 4 ± 0.8%, 5 ± 1.0%, 10 ± 2.0% and 50%	
Return Loss	dB	≥50	
Handling Power	mW	≤500	
Tensile Load	N	≤5	
Fiber Type	-	SMF-28e or PM Panda Fiber on Tap Port	
	-	PM Panda Fiber on Input & Output Port	
Operating Temperature	℃	-5 to +70	
Storage Temperature	℃	-40 to +85	
"B" for Both axis working, "F" for Fast axis blocking.			

*The specifications are w/o connector.
* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.
* For device with connector, key aligned to slow axis.

5. Product Ordering information:

PMTAPI	X	X	X X	XXXX	X	X	XX	XX	XX
Product Description	Stage	Axis Type	Operating Wavelength	Coupling Ratio	Pigtail Type	Fiber Type	Input & Output &Tap Connector Type	Package Size	Fiber Length
P=Polarization	D	B	06=1064nm	1/99	0=250um	1=HI1060	0=None	34=5.5×34	05=0.5m
M=Maintaining	S	F	13=1310nm	2/98	1=900um	4=others	1=FC/UFC	35=5.5×35	08=0.8m
TAP=tap			15=1550nm	5/95			2=FC/APC	38=5.5×38	10=1.0m
I=Isolator				10/90			3=SC/UPC		12=1.2m
				50/50			4=SC/APC		