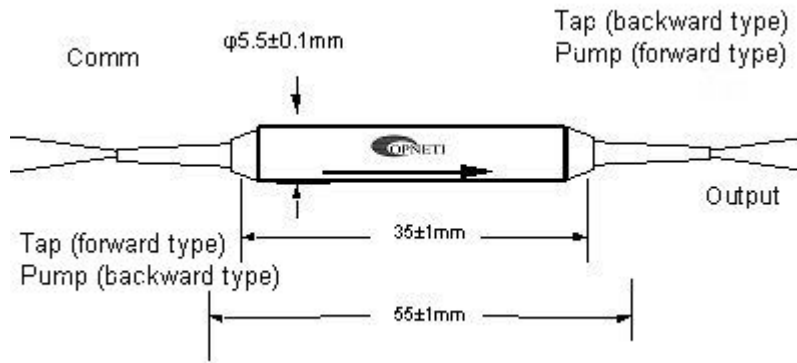


PM Tap Isolator WDM

Specifications

Parameter	Value	
	Single Stage	Dual Stage
Signal Wavelength Range	1550+/-20nm	
Pump Wavelength Range	960~990nm or 1460~1490nm	
Max. Signal Insertion Loss (Input to Output) (dB)	1.1(1%), 1.2(2%), 1.3(5%), 1.5(10%), 2.1(20%), 2.6(30%), 3.3(40%), 4.2(50%)	1.2(1%), 1.3(2%), 1.4(5%), 1.6(10%), 2.2(20%), 2.7(30%), 3.4(40%), 4.3(50%)
Max. Pump Insertion Loss (Pump Channel)	0.5dB	
Signal Tap Ratio(Input to Tap)	1+/-0.2, 2+/-0.4, 5+/-1, 10+/-2, 20, 30, 40, 50	
Typ. Signal Peak Isolation (Output to Input)	40 dB	55dB
Min. Signal Isolation at 23°C; all polarization states	30dB	48dB
Min. Directivity (Pump to Tap)	50dB	
Fiber type	PM 1550 Panda Fiber for Input and Output Ports, SMF-28e Fiber for Tap Port, HI 1060(980nm Pump) or SMF-28e(for 1480nm Pump) Fiber for Pump Port	
Min. Extinction Ratio (Input to Output, only for F-type)	23dB	
Min. Extinction Ratio (Input to Output, only for B-type)	20dB	
Min. Return Loss (for all ports)	50dB	
Max. Optical Power CW	300mW	
Max. Tensile Load	5N	
Operating Temperature	-5 to 70°C	
Storage Temperature	-40 to 85°C	

Imagine



Ordering Information

PMTIWDM	Wavelength	Isolator Stage	Tap Ratio	Pump Direction	Pigtail Type	Fiber length	Connector	Axis Alignment
	95=980/1550nm 99=980/1590nm 45=1480/1550nm 49=1480/1590nm xx=others	S=Single stage D=Dual stage	01=1% 05=5% 10=10% 50=50% --- XX=other	F=Forward Pump B=Backward Pump (Fast Axis Blocked)	B=250um D=400um PMF L=900um fiber	10=1.0m 15=1.5m 20=2.0m 30=3.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC XX=Other	F=Fast Axis Blocked B=Both Axis Working