PM Tap Isolator WDM Hybrid

Features

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

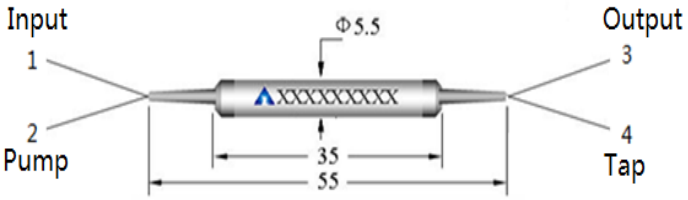
Applications

* Fiber Lasers
* Fiber Sensors
* Testing Systems

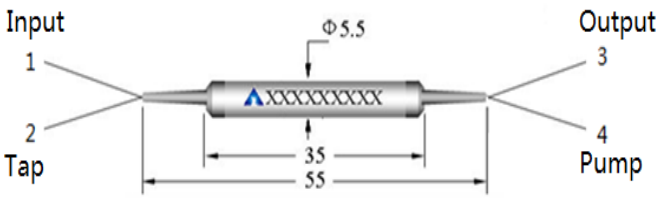
Specifications

Parameter		Unit	Value	
Stage		-	Single	Dual
Signal Wavelength Range		nm	1528~1565(C Band)	
			1570~1605(L Band)	
Max. Excess Loss, λ_c, at 23℃ (Input to Output)		dB	1.3	1.4
Min. Signal Isolation, λ_c, at 23℃ (Output to Input)		dB	31	48
Isolation for Channels	Signal Channel	dB	30	
	Pump Channel	dB	12	
Tap Ratio		-	1%~50%	
Pump Wavelength Range		nm	1460~1490	
Max. Insertion Loss (Pump Channel)		dB	0.6	
Min. Extinction Ratio at 23℃, only for PM		dB	22	
Min. Return Loss		dB	50	
Max.Optical Power(CW)		mW	300	
Max.Tensile Load		N	5	
Operating Temperature		℃	-5~+50	
Storage Temperature		℃	-40~+85	

Remark: The Above specifications is without connector. IL is 0.3dB higher, RL is 5dB lower and ER is 2dB lower for each connectoradded. The default connector key is aligned to slow axis.



Backward Pump



Forward Pump

Ordering Information

PMTIWDM – A — B — C— D — E — F — G— H — I — J		
A	Stage	S=Single Stage, D= Dual Stage
B	Signal/ Pump Wavelength	1550 / 1480=1528~1565nm/1460~1490nm , 1590 / 1480=1570~1605nm/1460~1490nm, S= Specified
C	Pump Direction	F = Forward Pump, B=Backward Pump
D	Tap Ratio	01=1/99,02=2/98,05=5/95,……,10=10/90,20=20/80,30=30/70,……50=50/50,or others
E	Axis Alignment（Signal to Output）	F=Slow axis working, Fast axis blocked
F	Pigtail Type	BF=bare fiber, 0.9=0.9mm loose tube
G	Fiber Type	PM1550, S= Specified
H	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
I	Package Size	5.5x35mm
J	Fiber length	003=0.3m, 005=0.5m; 010=1.0m;100=10m etc
For example：PMTIWDM-D-1550/1480-B-10 -F-0.9 -PM1550 - FC/APC x 4-5.5x35-010		