

PM Tap+ Isolator + WDM Hybrid Device (9815, 1415nm, PMTIWDM)

Product Description

The PM Hybrid device combines 3-function: Tap, isolator and WDM into one compact package, it can be built as customer request, tap ratio and pump direction.

Product Features

- Wide Operating Wavelength
- Low IL & PDL & High Isolation
- High Stability and Reliability

Product Applications

- PM Fiber Amplifier
- PM WDM System
- PM Fiber optic Instrument

Specifications						
Parameters		Unit	980/1550		1480/1550	
Isolator stage		-	Single stage	Dual stage	Single stage	Dual stage
Signal Wavelength Range		nm	1530-1565(C Band) 1570-1605 (L Band)		1530~1565 (C band) 1570-1605 (L band)	
Pump Wavelength Range		nm	960-990		1460~1490	
Signal Isolation at To*		dB	≥30	≥45	≥30	≥45
Typical Signal Isolation		dB	40	55	40	55
Isolation	Signal Channel	dB	≥12		≥12	
	Pump Channel	dB	≥30		≥30	
Insertion Loss at To*	Pump Channel	dB	≤0.6	≤0.6	≤0.6	≤0.6
	Signal Channel	dB	≤1.3	≤1.4	≤1.1	≤1.3
	Tap 1%	dB	1% ± 0.2%			
	Tap 2%	dB	2% ± 0.4%			
	Tap 5%	dB	5% ± 1.0%			
Extinction Ratio	F type(Fast block)	dB	≥22			
	B type(Both axis)		≥20			
Return Loss (RL)		dB	≥50			
Directivity (Dir)		dB	≥55			
Fiber Type	Common /Sig/Tap	-	PM1550		PM1550	

	Pump port		HI1060 or PM980	SMF-28e or PM1550
Optical Power		mW	≤300	
Operating Temperature		°C	0 ~ +70	
Storage Temperature		°C	-40~ + 85	

Remark

* Above specifications are for device without connector.

* For devices with connectors, please refer to patchcord spec, the "fiber length" is with connectors.

Ordering Information

PM TIW DM	Wave length	Stag e	Working axis	Tap	Pigtail Type	Packa ge	Lengt h	Connec tor
2X2	1550/980 nm 1480/1550 nm	Single dual	Fast axis working Both axis working	1% 2% 5% Specify	250um bare fiber 900um loose tube 3mm loose tube	5.5X35	0.8m 1m Specify	None FC/APC FC/UPC SC/APC SC/UPC Other