

PM Hybrid Tap & WDM (T1064/R980)

Features

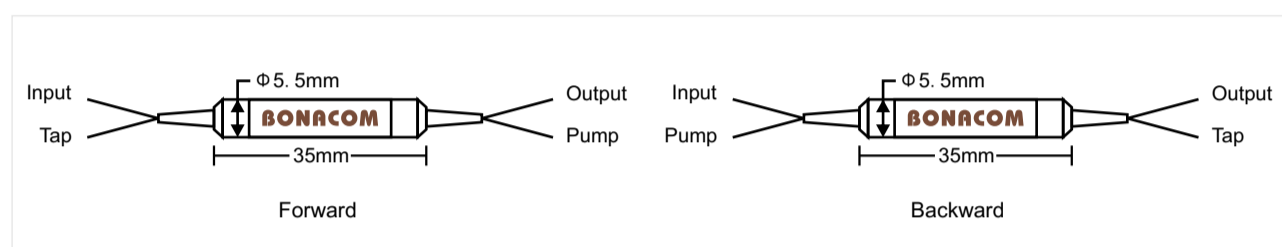
- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Isolation

Applications

- EDFA
- Pump Laser
- Optics Cutting
- Research



Package Dimensions



Option 1, Forward pump

Input to Tap: Both axis working
Input to Output: Fast axis blocked

Option 2, Forward pump

Input to Tap: Both axis working
Input to Output: Both axis working

Option 3, Backward pump

Input to Tap: Fast axis blocked
Input to Output: Fast axis blocked

Option 4, Forward pump

Input to Tap: PM to SM, PI
Input to Output: Fast axis blocked

Option 5, Forward pump

Input to Tap: PM to SM, PI
Input to Output: Both axis working

Option 6, Backward pump

Input to Tap: PM to SM, PS
Input to Output: Fast axis blocked

PI: Polarization Insensitive
PS: Polarization Sensitive

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Specifications

Parameter	Unit	Value
Signal Wavelength Range	nm	1020~1100
Signal Wavelength	nm	1064
Max. Excess Loss, λ_c , at 23°C (Input to Output/Tap)	dB	1.0
Isolation for Channels	Signal Channel	30
	Pump Channel	12
Tap Ratio	%	1~50
Pump Wavelength Range	nm	970~990
Max. Insertion Loss (Pump Channel)	dB	0.7
Min. Extinction Ratio at 23°C, only for PM Channel	dB	20
Min. Return Loss	dB	50
Max. Optical Power(CW)	mW	300
Max.Tensile Load	N	5
Operating Temperature	°C	-5~+50
Storage Temperature	°C	-40~+85

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.
The default connector key is aligned to slow axis.

Ordering Information

PMTWDM-1111-233-444-555-666-777-8889-ABCD

1111	-Operating Wavelength:	1598=T1550/R980nm, 0398=T1030/980nm
2	-Axis Alignment:	1=Option 1, 2=Option 2, 3=Option 3, 4=Option 4, 5=Option 5, 6=Option 6
33	-Tap ratio:	01=1%, 02=2%,, 50=50%
444	-Fiber type for In & Out:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
555	-Fiber type for Pump:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
666	-Fiber type for Tap:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
777	-Package Dimension:	0= ϕ 5.5x35mm, 1= ϕ 5.5x50mm, S=Specified
888	-Pigtail Type:	0=250 μ m bare fiber, 1=900 μ m loose tube
9	-Fiber Length:	0=0.8m,1=1m
ABCD	-Connector Type: Input-Output-Pump-Tap	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC, N=None

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