

Features

- Low Insertion Loss
High Return Loss
High Isolation
High stability & Reliability

PM Fiber Amplifier
Testing Instrument
Mopa Fiber Laser
Fiber Laser

Parameter		Unit	Value
Signal Wavelength Range		nm	1064±10 or 1030±10
Max. Excess Loss, λ_c , at 23℃ (Input to Output)		dB	1.7+the theoretical value
Min. Signal Isolation, λ_c , at 23℃ (Output to Input)		dB	25
Isolation for Channels	Signal Channel	dB	30
	Pump Channel	dB	15
Signal Tap Ratio		%	1,5,10,50 or specified
Pump Channel Wavelength Range		nm	960~990
Max. Insertion Loss (Pump Channel)		dB	0.8
Max. Polarization Dependent Loss at 23℃, only for PI		dB	0.15
Min. Return Loss		dB	50
Max. Optical Power(CW)		W	1,2, ...,10
Max. Tensile Load		N	5
Operating Temperature		℃	5~+55
Storage Temperature		℃	-0~+75

[illegible]

Input to Tap: PI
Pump to Output: PI
Input to Output: PS

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Pump to Input: PI
Input to Output: PS

PS: Polarization Sensitive

Tap & Isolator & WDM Hybrid (up to 10W, 06/98)

Ordering Information

TIWDM-1111-2344-555-666-777-89A-BBBB-CCDD

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
3	-Core Stage:	S=Single-core Stage, D=Dual-core Stage
44	-Tap ratio:	01=1%, 02=2%,, 50=50%
555	-Fiber type for In & Out:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
666	-Fiber type for Pump:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
777	-Fiber type for Tap:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
8	-Package Dimension:	0=58x28x26mm, 1=150x28x26mm
9	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
A	-Fiber Length:	0=0.8m, 1=1m
BBBB	-Connector for In,Out,Pump,Tap:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC
CC	-Average Power:	00=300mW, 01=1W, 02=2W,....., 05=5W.....,20=20W
DD	-Peak Power	10=10kW, 20=20kW