

Polarization-maintaining Tapisolator+Wavelength Division Multiplexer Three-in-one Hybrid Device(980/1550,980/1064)

Features

- Low insertion loss
- High return loss and Isolation
- Excellent environmental stability

Application

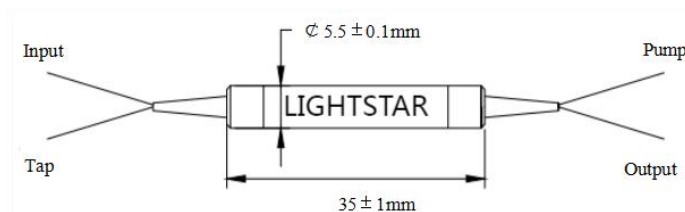
- Bait-doped amplifier
- Pump laser
- Product research

Specifications

Parameter	Unit	Value					
		Single stage	Double stage	Single stage	Double stage	Single stage	Double stage
Rank							
Signal port wavelength	nm	1064		1550		2000	
Signal port wavelength range	nm	±5		±30		±15	
Maximum additional loss, λc at 23°C(input to output)	dB	2.5	3.5	1.3	1.4	1.5	1.7
Minimum signal port isolation , λc±15 at 23°C(output to input)	dB	28	45	28	45	18	28
Channel isolation	Signal channel	30					
	Pump channel	12					
Tap beam split	%	1±0.2%,2±0.4%,5±1%,10±2%					
Pump port wavelength range	nm	980±10		980±10		1550±20	
Maximum insertion loss(Pump channel)	dB	0.7		0.7		0.7	
Minimum extinction ratio23°C(Polarization-maintaining optical channel)	dB	20		20		18	
Minimum return loss	dB	50					
Maximum optical power(CW)	mW	300					
Maximum tensile load	N	5					
Operating temperature	°C	-5~+50					
Storage temperature	°C	-40~+85					

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

Package dimensions



Ordering information

PMTIWDM-①①①①-②-③-④④-⑤-⑥⑥⑥-⑦-⑧-⑨

①①①①:Wavelength	②Core type	③:Working axis	④④:Tap Beam split	⑤:Package dimensions
2055=T2000/R1550nm	S=Single stage core	B=Biaxial operation	01=1%	0= 55x35mm
5598=T1550/R980nm	D=Double stage core	F=Fast axle cutoff	50=50%	S=Specify
SSSS=Specify			SS=Specify	
⑥⑥⑥:Tap port fiber type	⑦:Pigtail type	⑧:Length	⑨:Connector	
001=PM1550	1=250um bare fiber	H=0.5m	0=None	
004=Hi1060	2=900um loose tube	1= 1.0m	1=FC/UPC	
SSS=Specify	S=Specify	S=Specify	2=FC/APC	
			S=Specify	