High Power Polarization Maintaining Tap Isolator 2x2 850-1064nm 10W

Features

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

Application

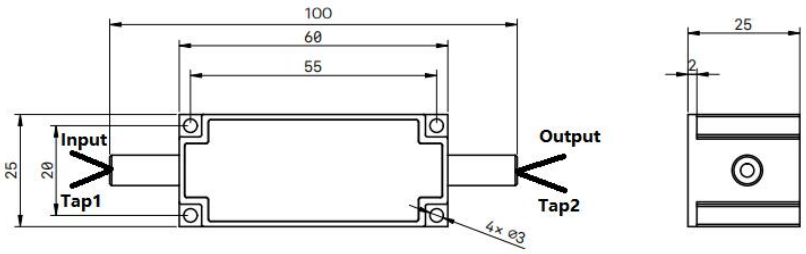
- Laboratory investigation
- Fiber laser
- Optical fiber amplifier

Specifications

Parameter	Unit	Value
Center Wavelength	nm	1064 or Specify
Operating Wavelength Range	nm	±10
Max.Insertion Loss @23℃	dB	1.0
Tap Ratio（Input to Tap1）	%	1±0.5 or Specify
Tap Ratio（Input to Tap2）	%	1±0.5 or Specify
Min.Isolation @23℃，λc	dB	25
Min.Extinction Ratio	dB	20
Working axis		Fast axis blocked
Min.Return loss	dB	50
Max.Average Power handling	W	10 or Specify
Max.Peak Power for ns Pulse	Kw	10
Operating temperature	℃	10~+50
Storage temperature	℃	0~+60
Package Dimensions	mm	60x25x25

* Above Specifications are for device without connector
* Output IL=-10*log(1-Tap Ratio)+E.L Tap IL=-10*log(Tap Ratio)+E.L
* For device with connector, the IL will be 0.3dB higher,ERwill be 2dB lower and RL will be 5dB lower
* The max handling power will be only 1W guaranteed
* The material must be ROSH compliant

Package dimensions



Ordering information

HPMTI-①①①①-②②-③③-④-⑤-⑥-⑦-⑧

①①①①:Wavelength	②②:Handing Power	③③:Tap Ratio	④:Fiber Jacket	⑤: Connector Type
1064 - 1064nm	05 - 5W	01 - 1/99	B - 250 μm Bare Fiber	N - None
1030 - 1030nm	10 - 10W	05 - 5/95	L - 900 μm Loose Tube	S - Specify
SSSS - Specify	SS - Specify	SS - Specify	S - Specify	

⑥:Fiber Length	⑦:Fiber Type for I&O	⑧:Fiber Type for T
1.0 - 1.0m	1 - PM-980	1 - PM-980
S - Specify	2 - Nufern FUD-3460	2 - Nufern FUD-3460
	S - Specify	3 - MMF 105/125 Fiber