

High power Isolator + Wavelength division multiplexer two-in-one hybrid device(TGG)

Features

Low insertion loss
High return loss
High stability reliability

Application

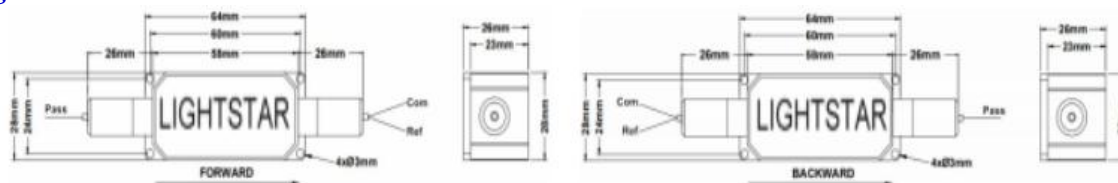
Optical fiber amplifier&Fiber laser
Test instrument&Optical fiber sensing
Medical instruments

Specifications

Parameter		Unit	Value
Signal channel	Wavelength range	nm	1064±5,1030±5
	Maximum insertion loss at 23℃	nm	1.2
	Minimum signal reverse Isolation at 23 ° C	dB	25
	Minimum isolation (Common end transmission end@ Reflection wavelength)	dB	30
Reflection channel	Wavelength range	nm	960-990
	Maximum insertion loss at 23℃	dB	0.8
	Minimum isolation (Common end to reflective end @ transmitted wavelength)	dB	15
Minimum extinction ratio at 23 °C (PM Fiber Type, Signal/Pump Route)		dB	20/18
The maximum polarization-dependent loss is 23℃(SM Fiber Type)		dB	0.15
Minimum return loss(im port/out port)		dB	50
Maximum average optical power		W	1, 2, 5, 10,20 or Specified
Maximum ns pulse peak power		kW	10 or Specified
Maximum tensile load		N	5
Package dimensions		mm	58x28x26
Operating temperature		℃	+10~+50
Storage temperature		℃	0~+60

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



Signal route: Pass to Com

Pumping route: Ref to Com

Signal route: Com to Pass

Pumping route: Ref to Com

Ordering information

HPMIWDM-①①①①-②-③-④-⑤⑤-⑥-⑦-⑧ /HPIIWDM-①①①①-②-③-④-⑤⑤-⑥-⑦-⑧

①①①①:Wavelength
0698=T1064nm/R980nm
0698=T1064nm/R980nm
SSSS=Specify

②:Rank
S= Single-core

③: Pump type
F= Forward Pump,
B= Backward Pump

④:Working axis
B= Both axis working
F=Fast axis blocked

⑤⑤:Power
05=5W
20=20W
SS=Specify

⑥:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

⑦:Length
H=0.5m
1= 1.0m
S=Specify

⑧:Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify