

High power polarization-maintaining fused multiplexer(20W)

Features

High extinction ratio
High isolation
Low insertion loss
High stability

Application

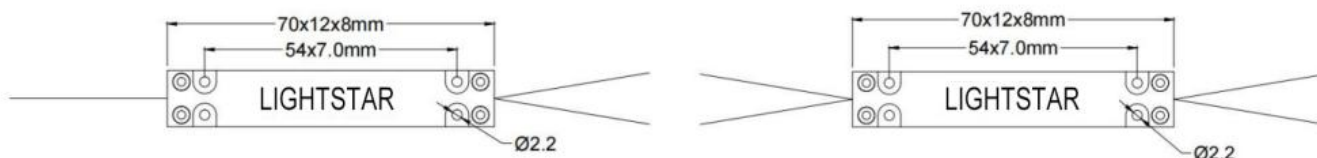
Testing instrument
Coherent communication system
Erbium-doped fiber amplifier
Optical fiber Sensing & Optical Fiber Communication

Specifications

Parameter		Unit	Value				
Type		/	980/1064	980/1550	1064/1550	793/2000	1550/2000
Operating bandwidth		nm	±15				
Maximum insertion loss	Signal port	dB	0.8	0.7	0.7	0.7	0.7
	Pump port	dB	0.8	0.7	0.7	0.7	0.7
Minimum extinction ratio		dB	18	20	20	18	18
Minimum isolation		dB	13	18	18	13	13
Minimum directivity		dB	55				
Minimum return loss		dB	50				
Maximum optical power (CW)		W	5,10,20 or Specified				
Peak power of the maximum ns pulse		kW	10 or Specified				
Fiber type			PM Panda fiber				
Package dimensions		mm	70x12x8				
Operating temperature		°C	-5~+75				
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

HFPWDM-①①①①-②-③③-④④④-⑤-⑥-⑦-⑧

①①①①:Wavelength
9806=980/1064nm
0655=1064/1550nm
SSSS=Specify

②:Port type
1=1x2
2=2x2

③③:Power
05=5W
20=20W
SS=Specify

④④④:Fiber type
001=PM1550
003=PM980
SSS=Specify

⑤:Package dimensions
1=70x12x8mm
S=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