1860-2090nm High Power Polarization-maintaining Mode Transducer

Features

Transfer effect rate high

Optical quality deteriorated rate low

Suitable for a wide range of wavelengths

Application

Fiber laser

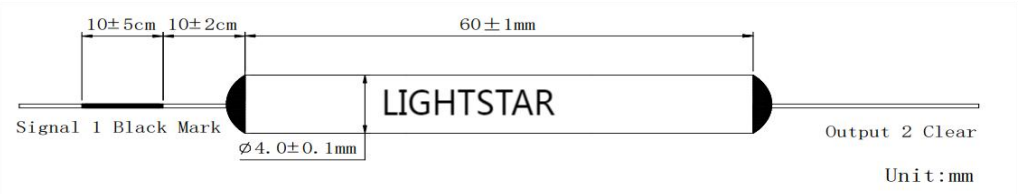
Test system

Specifications

Parameter		Unit	Value	
Operating wavelength		nm	2090, 2050, 1940, 1860	
Maximum signal insertion loss		dB	0.3	0.5
Minimum extinction ratio		dB	20	
Minimum return loss		dB	40	
Power(CW)		W	2	0.5
Peak power		W	200	1
Maximum tensile load		N	5	
Fiber type	Signal port	-	PM 1950 Fiber	IXF-PAS-PM-20-250-0.08 Fiber
	Output port		IXF-PAS-PM-20-250-0.08 Fiber	PM 1950 Fiber
Operating temperature		℃	0 to + 70	
Storage temperature		℃	-40 to + 85	
Package dimensions		mm	Ø4.0x60	

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

HPMMFA-①①①①-②②②-③③③-④-⑤-⑥

①①①①: Wavelength
1860= 1860nm
2090=2090nm
SSSS=Specify

②②②: Signal port fiber type
045= PM1950
SSS=Specify

③③③: output port fiber type
045= PM1950
SSS=Specify

④: Connector type
0=None
1=FC/UPC
2=FC/APC
S=Specify

⑤: Fiber type
1=250um bare fiber
2=900um loose tube
S=Specify

⑥: Optical length
H=0.5m
1= 1.0m
S=Specify