

780-2050nm Polarization-preserving Beam Splitter/Buncher

Features

Low insertion loss & Low return loss
High extinction ratio
High stability

Application

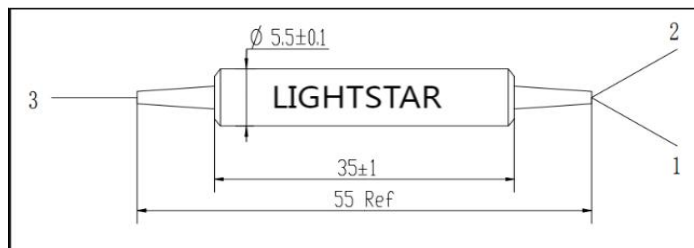
Fibre optic current sensor
Optical fiber gyro
Optical fiber sensing

Specifications

Parameter	Unit	Value							
		P		A		p		A	
Rank		P	A	P	A	p	A	P	A
Central wavelength	nm	2050, 2000, 1950		1550, 1480, 1310		1064, 1030, 980		850, 808, 780	
Operating wavelength range	nm	±40		±40		±20		±10	
Typical insertion loss@23 °C	dB	0.6	0.8	0.4	0.5	0.6	0.7	0.6	0.7
Maximum insertion loss@23 °C	dB	1.0	1.2	0.6	0.7	0.8	0.9	0.8	0.9
Minimum extinction ratio@23 °C	dB	20	18	22	20	22	20	22	20
Minimum directivity	dB	50							
Minimum return loss	dB	50							
Maximum optical power(CW)	mW	300							
Maximum tensile load	N	5							
Fiber type	port1 & 2	PM Panda fiber							
	port 3	SM fiber or PM Panda fiber							
Operating temperature	°C	-5~+70							
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

PBS/C-①①①①-②-③③③-④④④-⑤-⑥-⑦-⑧-⑨

①①①①: Wavelength

0698=T1064nm/R980nm
0698=T1064nm/R980nm
SSSS=Specify

⑥: Package dimensions

0=φ5.5x35mm
S=Specify

②: Type

P=Perfect grade
A=A grade

⑦: Length

H=0.5m
1= 1.0m
S=Specify

③: Working axis

1=SM Fiber to PM Fiber
2=PM Fiber to PM Fiber, Port 3
3=PM Fiber to PM Fiber, Port 3

⑧: Pigtail type

1=250um bare fiber
2=900um loose tube
S=Specify

④④④: Port3

Fiber type
001=PM1550
008=SMF-28E
SSS=Specify

⑨: Connector

0=None
1=FC/UPC
2=FC/APC
S=Specify

⑤⑤⑤: Port1,2

Fiber type
001=PM1550
003=PM980
SSS=Specify