

1064-2050nm Isolator + Beam Splitter/Beam Splitter two-in-one Hybrid Device

Features

- High extinction ratio
- Low insertion loss
- High stability and reliability

Application

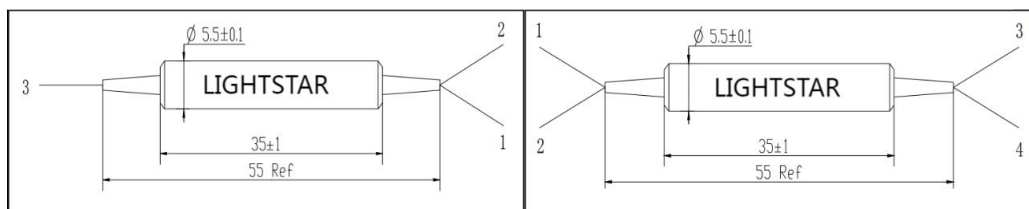
- Optical fiber sensing
- Erbium doped fiber amplifiers&Raman fiber amplifiers
- Coherent telecommunication system

Specifications

Parameter		Unit	Value					
Rank			Single stage			Double stage		
Central wavelength		nm	2000	1550,1310	1064	2000	1550,1310	
Operating wavelength range		nm	±20	±20	±5	±20	±20	
Typ reflection isolation @23°C (P3 to P1& P2)		dB	35	35	35	51	51	
Minimum isolation 23°C (P3 to P1& P2)		dB	18	28	25	30	45	
Typical insertion loss 23°C		dB	0.6	0.5	1.8	0.7	0.6	
Maximum insertion loss @23°C		dB	1.2	0.7	2.1	1.3	0.8	
Minimum extinction ratio @23°C		dB	18	22	22	18	22	
Directivity		dB	50					
Minimum return loss		dB	50					
Maximum optical power (CW)		mW	300					
Maximum tensile load		N	5					
Fiber type	P1&P2		PM Panda fiber					
	P3		PM Panda fiber, SMF-28E or Hi1060					
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

IPBS/C-①①①①-②-③③③-④④④-⑤-⑥-⑦-⑧-⑨

①①①①: Wavelength

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

②: Core type

S=Single-core
D=Dual-core

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

④④④: Port3

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

⑤⑤⑤: Port1.2

Fiber type
001=PM1550
003=PM980
SSS=Specify

⑥: Package dimensions

0=φ5.5x35mm
S=Specify

⑦: Length

H=0.5m
1= 1.0m
S=Specify

⑧: Pigtail type

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

⑨: Connector

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