

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

Features

High extinction ratio
Low insertion loss
High stability and reliability

Application

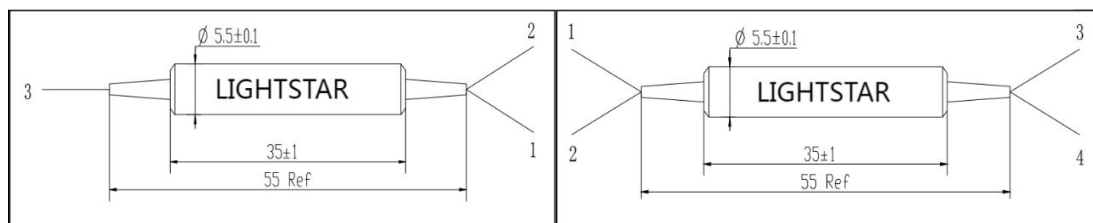
Optical fiber sensing
Erbium doped fiber amplifiers&Raman fiber amplifiers
Coherent telecommunication system

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℃(P3 to P1& P2)		dB	35	35	35	51, 51
Minimum isolation 23℃(P3 to P1& P2)		dB	18	28	25	30, 45
Typical insertion loss23℃		dB	0.6	0.5	1.8	0.7, 0.6
Maximum insertion loss@23℃		dB	1.2	0.7	2.1	1.3, 0.8
Minimum extinction ratio@23℃		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		℃	-5~+70			
Storage temperature		℃	-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-①①①①-②-③③③③-④④④④-⑤-⑥-⑦-⑧-⑨

①①①①:Wavelength

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

②:Core type

S=Single-core
D=Dual-core

⑥:Package dimensions

0=φ5.5x35mm
S=Specify

④④④④:Port3

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

⑤⑤⑤⑤:Port1.2

Fiber type
001=PM1550
003=PM980
SSS=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

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