1x2 Isolator Polarization Beam Combiner /Splitter(IPBS/IPBC)

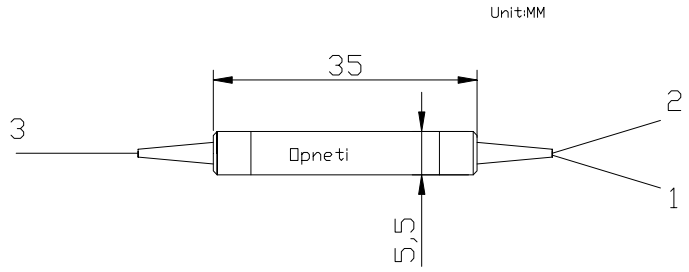
Features
Low Insertion Loss High Extinction Ratio High stability and reliability
Application
EDFA & Raman Amplifier Fiber sensor Coherent Telecommunication Systems Polarization Mode Dispersion Compensator

Specifications

Type / Parameter		Single stage	Dual Stage	Single Stage
Wavelength (nm)		1310, 1450,1480, 1550		1064
Operating Bandwidth (nm)		±20		±5
Typ. Insertion Loss (dB)		0.45	0.55	1.8
Insertion Loss (dB)		≤0.70	≤0.80	≤2.1
Typ. Isolation (dB)		35	51	35
Isolation(dB)		≥20	≥42	≥25
Extinction Ratio (dB)(only for PBS)		≥20	≥20	≥20
Directivity (dB)		≥50		
Return loss (dB)		≥50		
Power handling (mW)		≤300		
Fiber Type	Port 1 &2	Panda Fiber		
	Port 3	SMF-28 or HI1060 or Panda fiber		
Operating temperature (℃)		-5~+70		
Storage temperature (℃)		-40 ~ +80		
Dimensions (mm)		φ5.5×L35		

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis

Package Dimensions



Ordering Information

IPBS IPBC	Port	Wavelength	Stage	Pigtail Type	Fiber Type For Port 3	Length	Connector
	1x2	1064 1310 1450 1480 1550	S=Single Stage D=Dual Stage	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	1=SMF-28e 2=HI1060 3= PM fiber,Slow axis align to Port 1 4=PM fiber, Slow axis align 45° to port 1	0.8=0.8m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other