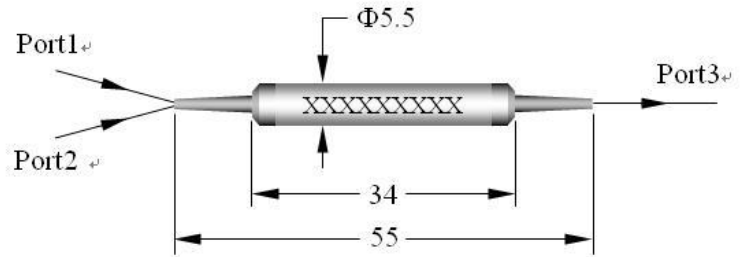


Isolator Polarization Beam Combiner/Splitter 1310&1550nm

1. Features:

- Low insertion loss
- High extinction ratio
- High Return Loss
- Excellent environmental stability and reliability



2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system



3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

4. Specifications:

Parameter	Type	Unit	Values	
			Single	Dual
Stage			Single	Dual
Center Wavelength		nm	1310 or 1550	
Operating Wavelength Range		nm	±20	
Typ. Insertion loss		dB	0.45	0.55
Insertion loss		dB	≤0.7	≤0.8
Typ. Isolation		dB	35	51
Isolation			≥22	≥42
Extinction Ratio (for Splitter only)		dB	≥20	≥20
Return Loss		dB	≥50	
Directivity		dB	≥50	
Power Handling		mW	≤500	
Tensile Load		N	≤5	
Fiber Type (Port1&2)		/	SM13-PS-U25A or SM15-PS-U25A	
Fiber Type (Port3)		/	See ordering information	
Operating Temperature		°C	-5 to +70	
Storage Temperature		°C	-40 to +85	

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

IPBC&S	X	X X	X	X	X X	X	XX	XX
Product Description	Stage	Operating Wavelength	Pigtail Type	Fiber Type	Port1&2 Connector Type	Port3 Connector Type	Package Size	Fiber Length
I=Isolator	S=Single	06=1064nm	0=250um	1=PM98	0=None	0=None	34=5.5×34	05=0.5m
P=Polarization	D=Dual	13=1310nm	1=900um		1=FC/UFC	1=FC/UFC	35=5.5×35	08=0.8m
B=Beam		15=1550nm			2=FC/APC	2=FC/APC	38=5.5×38	10=1.0m
C=Combiner					3=SC/UPC	3=SC/UPC		12=1.2m
S=Splitter					4=SC/APC	4=SC/APC		

深圳市深建通信科技有限公司

E-mail: sales@shenjiantx.com
Web : <http://www.shenjiantx.com>