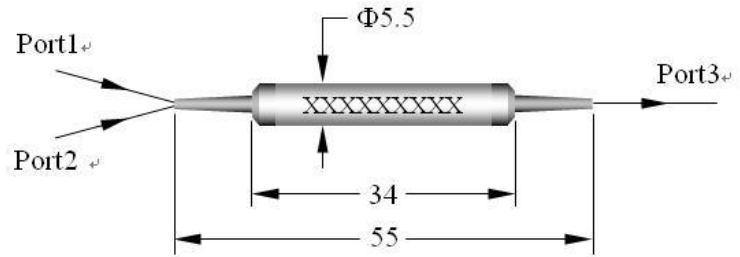


## Isolator Polarization Beam Combiner/Splitter 1064nm

### 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
Stage		Single
Operating Wavelength Range	nm	1064±5
Typ. Insertion loss	dB	1.8
Insertion loss	dB	≤2.1
Typ. Isolation	dB	35
Isolation		≥25
Extinction Ratio (for Splitter only)	dB	≥20
Return Loss	dB	≥50
Power Handling	mW	≤300
Tensile Load	N	≤5
Fiber Type (Port1&2)	/	SM98-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		

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