Polarization Beam Combiner/Splitter (High Reliabilty)

Description

The Tap and filter wavelength division multiplexer hybrid is the hybride device which combine a tap and WDM function into a device. This kinds of product is a high reliability product and away use in submarine optical fiber communication which have an low insertion loss, high power handling and excellent environmental stability and reliability.

Key Features

- Beam Combiner/Splitter
- High Reliability

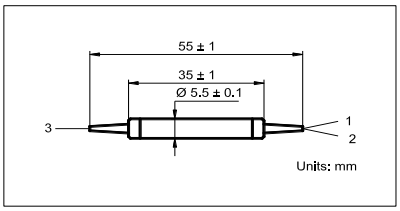
Applications

- Submarine Optical Fiber Communication

Specifications

Parameter	Unit	Grade P
Center Wavelength (λc)	nm	1476
Operating Wavelength Range	nm	λc ± 5
Typ. Insertion Loss	dB	0.4
Max. Insertion Loss, λc ± 5 nm, - 5 to + 50 °C	dB	0.5
Min. Extinction Ratio (For Splitter Only), λc, 25 °C	dB	18
Min. Return Loss, λc, 25 °C	dB	50
Min. Directivity, λc, 25 °C	dB	50
Max. Temperature Dependence of Insertion Loss	dB	0.15
Max. Optical Power (Continuous Wave)	W	1
Fiber Type		OFS Fiber (BF06832 - 06) for All Ports
Max. Tensile Load	N	5
Operating Temperature	℃	- 5 to + 50
Storage Temperature	℃	- 20 to + 85

Package Dimensions



Ordering Information

PBC-①①-②-③-④-⑤-⑥-SUB **PBS**-①①-②-③-④-⑤-⑥-SUB

①①: Wavelength
47 - 1476 nm

②: Grade
P - Premium

③: Connector Type
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

④: Fiber Jacket
B - 250 μm bare fiber
L - 900 μm loose tube
S - Specify

⑤: Fiber Type for Port 3
2 - Slow axis aligned 45° to Port 1
3 - Slow axis aligned to Port 1
S - Specify

⑥: Fiber Length
Q - 0.75 m
S - Specify