

Features

- Wide Bandwidth
- Low Excess Loss
- Excellent Performance
- High Stability and Reliability

Applications

- Telecommunications
- CATV Network
- Access Network
- Optical Amplifier

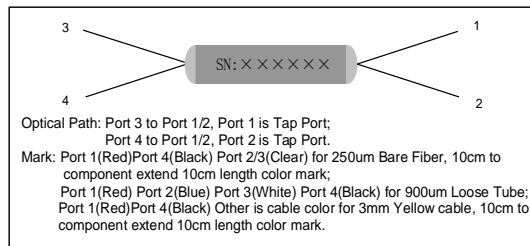
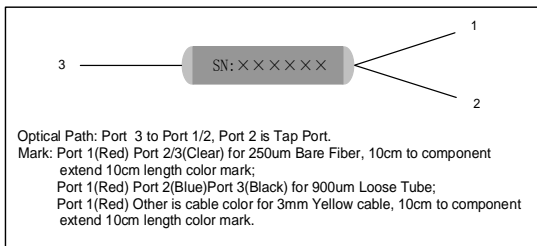
Specifications

Parameters	Unit	Values									
Center Wavelength	nm	1310 or 1550									
Operating Wavelength Range	nm	±40									
Coupling Ratio	%	1/99	2/98	3/97	5/95	10/90	20/80	30/70	40/60	50/50	
Max. Insertion Loss (Tap/Through Port)	dB	21.5/0.2	18.5/0.25	16.5/0.3	14.6/0.4	10.8/0.65	7.5/1.3	5.6/1.9	4.4/2.6	3.4	
Max. PDL (Tap/Through Port)	dB	0.10/0.05	0.10/0.05	0.10/0.05	0.10/0.05	0.10/0.05	0.10/0.08	0.10/0.08	0.10/0.08	0.08/0.08	
Min. Return Loss	dB	50									
Min. Directivity	dB	50									
Max. Optical Power (CW)	mW	500									
Max. Tensile Load	N	5									
Thermal Stability	dB/°C	≤ 0.002 over -5 °C to +70 °C									
Operating Temperature	°C	-5 to + 70									
Storage Temperature	°C	-40 to + 85									
Fiber Type	-	SMF-28e Fiber									
Package Dimensions	mm	250um Bare Fiber					Ø3.0X40				
		900um Loose Tube					Ø3.0X56				
		3mm Loose Cable					90X16X9				

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

Package Dimensions



Ordering Information

SBC-①①-②-③③-④④④④-⑤⑤⑤⑤-⑥

①①: Wavelength

31 - 1310nm

55 - 1550nm

SS - Specify

②: Port

1 - 1X2

2 - 2X2

③③: Coupling Ratio

01 - 1/99

02 - 2/98

03 - 3/97

05 - 5/95

10 - 10/90

20 - 20/80

30 - 30/70

40 - 40/60

50 - 50/50

SS - Specify

④④④④: Connector Type on all Ports

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

5 - LC/UPC

6 - LC/APC

9 - MU/UPC

N - None

S - Specify

⑤⑤⑤⑤: Fiber Jacket on all Ports

B - 250um Bare Fiber

L - 900um Loose Tube

C - 3mm Loose Cable

S - Specify

⑥: Fiber Length

1 - 1.0m

S - Specify