

SM Filter Coupler, 1064nm 1310nm 1550nm

Features

Wide Bandwidth and Low Insertion
 Low Insertion Loss
 High Quality and Reliability

Applications

Fiber Distribution Network
 CATV Network
 Test Equipment

Specifications

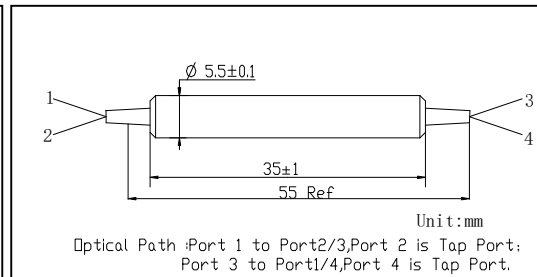
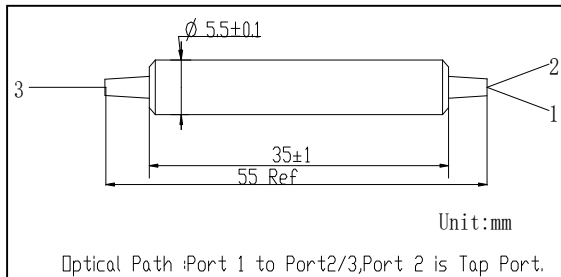
Parameters	Unit	Values			
Center Wavelength	nm	1064		1310 or 1550	
Operating Wavelength Range	nm	±40			
Type		1x2	2x2	1x2	2x2
Max. Excess Loss	dB	1.0	1.4	0.8	1.0
Max. Uniformity (only for 50/50)	dB	0.7	1.0	0.6	0.8
Tap Ratio (Port 2/4)	%	0.1±0.05%, 1±0.2%, 2±0.4%, 5±1.0%, 10±2.0%, and 50%			
Min. Return Loss	dB	50			
Max. PDL	dB	0.1, 0.25 for Tap Ratio < 5%			
Max. Optical Power (CW)	mW	300			
Max. Tensile Load	N	5			
Fiber Type		HI 1060 fiber		SMF-28e	
Operating Temperature	°C	-5 to +70			
Storage Temperature	°C	-40 to +85			

* Above specifications are for devices without the connectors.

* For devices with connectors, IL will be 0.5dB higher(1064nm), IL will be 0.3dB higher(1310nm&1550nm), RL will be 5dB lower.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

SMFC-①①-②-③③-④-⑤⑤⑤⑤-⑥⑥⑥⑥-⑦-⑧⑧-⑨⑨

①①: Wavelength

06 - 1060nm

31 - 1310nm

55 - 1550nm

SS - Specify

②: Port

1 - 1x2

2 - 2x2

③③: Coupling Ratio

05 - 5/95

50 - 50/50

SS - Specify

④: Handling Power

0.3 - 300mW

S - Specify

⑤⑤⑤⑤: Connector Type on Port 1, 2, 3 & 4

1A - FC/UPC

2A - FC/APC

3A - SC/UPC

4A - SC/APC

N - None

S - Specify

⑥⑥⑥⑥: Fiber Jacket on Port 1, 2, 3 & 4

B - 250um Fiber

F - 900um Loose Tube(White)

G - 900um Loose Tube(Yellow)

E - 900um Loose Tube(Black)

S - Specify

⑦: Fiber Length

0.8 - 0.8m

S - Specify

⑧⑧: Fiber Type

01 - HI-1060 Fiber

02 - SMF-28e Fiber

S - Specify

⑨⑨ Package Type

01 - Ø5.5x35