

Filter Tap Coupler



Features

High Return Loss

Low PDL

Low Cost

Applications

Telecommunications

Optical Amplifier

Fiber Lasers

Testing Systems

Specifications

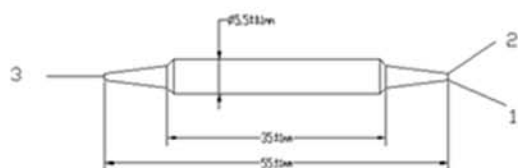
Parameters	Unit	Values	
Center Wavelength	nm	1310 or 1550	
Operating Wavelength Range	nm	±50	
Type		1x2	2x2
Max. Excess Loss	dB	0.8	1.0
Max. Uniformity (only for 50/50)	dB	0.6	0.8
Tap Ratio (Port 2/4)	%	1±0.2%, 2±0.4%, 5±1.0%, 10%, 50% or Specify	
Min. Return Loss	dB	50	
Max. PDL	dB	0.1	
Max. Optical Power (CW)	W	1, 2, 3 (only for Splitter)	
Max. Tensile Load	N	5	
Fiber Type		SMF-28e fiber	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

* Above specifications are for devices without the connectors.

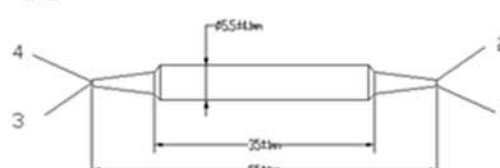
* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

Package Dimensions

1x2



2x2



Ordering Information

SMFC-①①-②-③③-④④④④-⑤⑤⑤⑤-⑥

①①: Wavelength

31 - 1310nm

55 - 1550nm

SS - Specify

④④④④: Connector Type on Port 1, 2, 3 & 4

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑥: Fiber Length

0.8 - 0.8m

S - Specify

②: Port

1 - 1x2

2 - 2x2

③③: Coupling Ratio

01 - 1/99

02 - 2/98

04 - 4/96

05 - 5/95

10 - 10/90

20 - 20/80

50 - 50/50

SS - Specify

⑤⑤⑤⑤: Fiber Jacket on Port 1, 2, 3 & 4

B - 250um Fiber

L - 900um Loose Tube

S - Specify