

SM Filter Coupler

Features

- *Low insertion loss
- *High Return Loss
- *Excellent stability and reliability

Applications

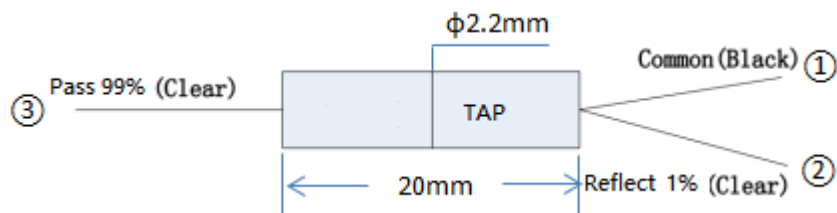
- * Fiber Lasers
- * Fiber Sensors
- * Testing Systems

Specifications

Parameter	Unit	Value	
Port Type	-	1x2	
Center Wavelength	nm	1310,1550	1064
Operating Wavelength Range	nm	±20	±20
Max. Excess Loss	dB	0.7	0.8
Uniformity (only for 50/50)	dB	0.4	0.5
Coupling Ratio	dB	01/99~50/50	
Min. Return Loss	dB	50	
Max. Optical Power(CW)	mW	500	
Max. Tensile Load	N	5	
Fiber Type	-	SMF-28e, Hi1060	
Operating Temperature	°C	-5~+70	
Storage Temperature	°C	-40~+85	

Remark: * The Above specifications is without connector. IL is 0.3dB higher, RL is 5dB lower for each connector added.

Package Dimensions



Ordering Information

SMFC - A — B — C — D — E — F — G — H		
A	Port Number	1×2
B	Wavelength	1064=1064nm , 1310=1310nm, 1545=1545nm,1550=1550nm,S=Special
C	Tap ratio	01=1/99,02=2/98,03=3/97,.....,10=10/90,20=20/80,30=30/70,.....50=50/50,or others
D	Pigtail Type	BF=bare fiber, 0.9=0.9mm loose tube, 3=3.0mm loose tube
E	Fiber type	SMF-28e, Hi1060, etc
F	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
G	Package Size	5.5x35mm
H	Fiber length	003=0.3m, 005=0.5m; 010=1.0m;100=10m etc
For example: SMFC-1*2-1545-01-BF-SMF28e-N-2.2x20-010		