



Single Mode Standard Coupler 980,1060nm

Features

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

Applications

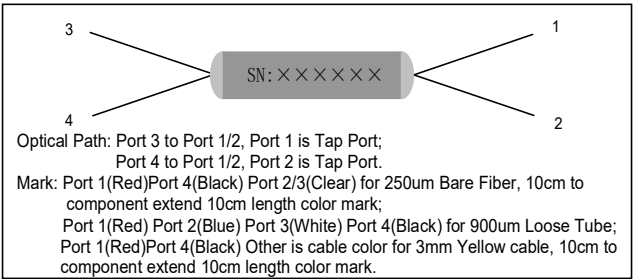
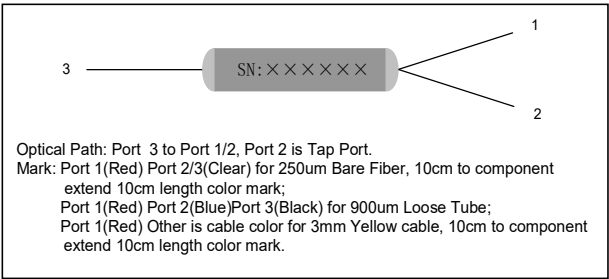
Fiber Distribution Network
CATV Network
Test Equipment

Specifications

Parameters	Unit	Values									
Operating Wavelength	nm	980 or 1060									
Bandwidth	nm	±10									
Coupling Ratio	%	1/99	2/98	3/97	5/95	10/90	20/80	30/70	40/60	50/50	
Max. Insertion Loss	dB	21.9/0.25	18.5/0.3	16.5/0.35	14.5/0.45	11.0/0.7	7.7/1.3	5.8/2.0	4.5/2.7	3.5	
Max. PDL(Tap/Through Port)	dB	0.12/0.05	0.12/0.05	0.12/0.05	0.10/0.05	0.10/0.05	0.08	0.08	0.08	0.08	
Wavelength Dependent Loss	dB	0.4/0.15	0.4/0.15	0.4/0.15	0.4/0.15	0.3/0.15	0.3/0.15	0.3/0.15	0.2	0.2	
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									
Package Dimensions	mm	250um bare fiber							Ø3.0 X 40		
		900um loose tube							Ø3.0 X 56		
		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.
* The material must be RoHS compliant.

Package Dimensions



Ordering information

SMC-①①-②-③③-④④④④-⑤⑤⑤⑤-⑥-⑦⑦-⑧⑧

①①: Wavelength
06 - 1060
98 - 980
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
1B - FC/UPC
2B - FC/APC
3B - SC/UPC
4B - SC/APC
N - None
S - Specify

⑤⑤⑤⑤: Fiber Jacket on all Ports
B -250um Bare Fiber
C - 900um Loose Tube(Red)
D - 900um Loose Tube(Blue)
E - 900um Loose Tube(Black)
F - 900um Loose Tube(White)
T - 3mm松套管(黄色)

⑥: Fiber Length
1 - 1m
S - Specify

⑦⑦: Fiber Option
66 - OFS980 Fiber
20 - HI1060 Flex Fiber
1E - HI1060 Fiber
22 - SM-GSF-10/125 Fiber
S - Specify

⑧⑧:Package Dimensions
14 - Ø3.0X40
16 - Ø3.0X56
29 - 90x16x9