

Optizone 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

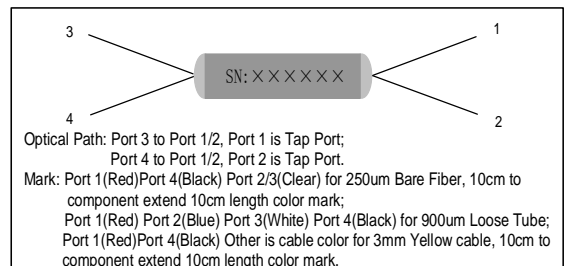
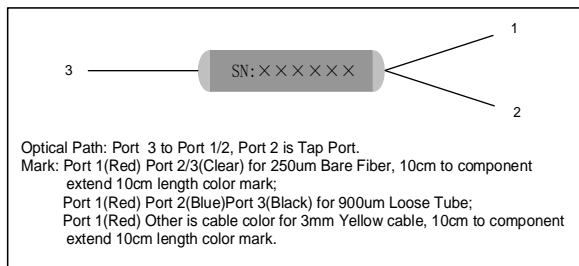
Specifications

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.

Package Dimensions



Ordering information

SMC-①①-②②-③③-④④④④-⑤⑤⑤⑤-⑥⑥-⑦⑦

①①: Wavelength
 06 - 1060
 98 - 980
 SS - Specify

④④④④: Connector Type on all Ports
 1 - FC/UPC
 2 - FC/APC
 3 - SC/UPC
 4 - SC/APC
 N - None
 S - Specify

⑥⑥: Fiber Length
 1 - 1m
 S - Specify

②②: Port
 1 - 1X2
 2 - 2X2

⑤⑤⑤⑤: Fiber Jacket on all Ports
 B - 250um bare fiber
 L - 900um loose tube
 C - 3mm loose cable
 S - Specify

⑦⑦: Fiber Option
 OFS1 - OFS-14 980 fiber
 OFS2 - OFS-20 980 fiber
 H06F - Hi 1060 flex fiber
 S - Specify

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