

Optizone Single Mode Dual Window Wavelength Flattened Coupler

Features

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

Applications

Fiber Distribution Network
 CATV Network
 Test Equipment

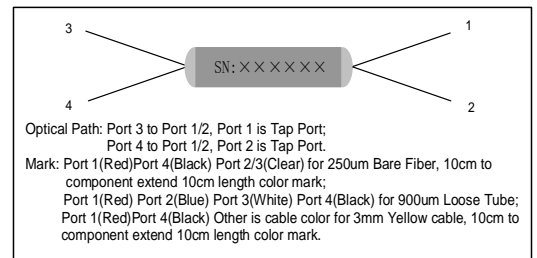
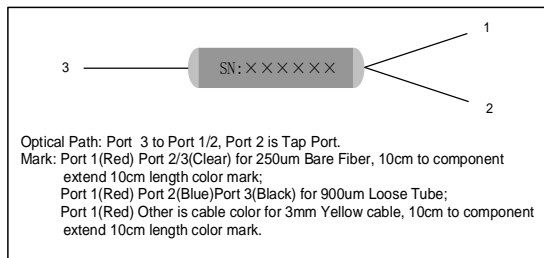
Specifications

Parameters	Unit	Values									
Center Wavelength	nm	1310 and 1550									
Operating Wavelength Range	nm	±40									
Coupling Ratio	%	1/99	2/98	3/97	5/95	10/90	20/80	30/70	40/60	50/50	
Max. Insertion Loss	dB	22/0.25	18.5/0.3	16.5/0.35	14.5/0.40	11.2/0.75	7.9/1.3	6.0/1.9	4.7/2.7	3.6	
Max. PDL	dB	0.15									
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									
Fiber Type	-	SMF-28e Fiber									
Package Dimensions	mm	250um Bare Fiber							Ø3.0X40		
		900um Loose Tube							Ø3.0X56		
		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

SDC-①①①①-②-③③-④④④④-⑤⑤⑤⑤-⑥

①①①①: Wavelength
 3155 - 1310 & 1550nm
 SSSS - 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
 1 - FC/UPC
 2 - FC/APC
 3 - SC/UPC
 4 - SC/APC
 5 - LC/UPC
 6 - LC/APC
 9 - MU/UPC
 N - None
 S - Specify

⑤⑤⑤⑤: Fiber Jacket on all Ports
 B - 250um Bare Fiber
 L - 900um Loose Tube
 C - 3mm Loose Cable
 S - Specify
 ⑥: Fiber Length
 1 - 1.0m
 S - Specify