

# 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

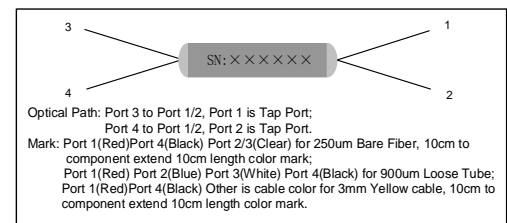
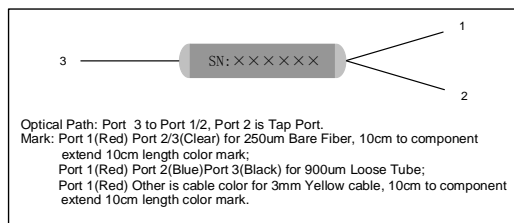
## Specifications

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

**ASDC-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