

## C Band Red/Blue Wavelength Division Multiplexer

### Features

Wide Pass Band  
 Low Insertion Loss  
 High Return Loss  
 Excellent Environmental Stability

### Applications

DWDM Systems  
 EDFAs

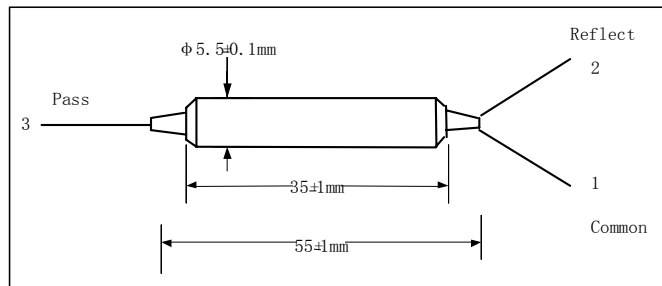
### Specifications

Parameters		Unit	Values
Pass Band	Wavelength Range	nm	1530-1542 (1548-1560)
	Max. Insertion Loss	dB	0.8
	Typ. Insertion Loss	dB	0.6
	Min. Isolation at 23°C	dB	22
	Typ. Isolation	dB	25
Reflection Band	Wavelength Range	nm	1548 - 1560 (1530-1542)
	Max. Insertion Loss	dB	0.5
	Typ. Insertion Loss	dB	0.3
	Min. Isolation at 23°C	dB	12
	Typ. Isolation	dB	15
Optical Return Loss		dB	50
Typ. PDL		dB	0.05
Max. PDL		dB	0.1
Thermal Stability		dB/°C	≤0.005
Max. Optical Power (CW)		mW	500
Max. Tensile Load		N	5
Fiber Type			SMF-28e Fiber
Operating Temperature		°C	-5 to +70
Storage Temperature		°C	-40 to +85

\*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

**ACRBWDM-①①①①-②②②-③③③-④**

①: Wavelength

4248 - 1530-1542nm Pass / 1548-1560nm Reflect

4842 - 1548-1560nm Pass / 1530-1542nm Reflect

SSSS - Specify

③③③: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber

L - 900um Loose Tube

④: Fiber Length

1 - 1.0m

S - Specify

②②②: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify