

# R/BWDM Component

## Features

- Wide bandwidth
- Low insertion loss
- High channel isolation
- Exceptional reliability and stability

## Applications

- Optical amplifiers
- CATV

## Specifications

Item		Unit	Parameters	Note
Pass Port (C-P)	Central Wavelength $\lambda_p$	nm	1546.3-1561	
	Wavelength Range	nm	1546.3-1561	
	Insertion Loss	dB	$\leq 0.6$	
	Flatness	dB	$\leq 0.30$	
	Isolation @ $\lambda_R$	dB	$\geq 30$	
Reflect Port (C-R)	Central Wavelength $\lambda_R$	nm	1460-1543.3&1566-1610	
	Wavelength Range	nm	1460-1543.3&1566-1610	
	Insertion Loss	dB	$\leq 0.40$	
	Flatness	dB	$\leq 0.25$	
	Isolation @ $\lambda_p$	dB	$\geq 13$	
Directivity		dB	$\geq 50$	
Optical Return Loss		dB	$\geq 50$	
Polarization Dependent Loss		dB	$\leq 0.1$	
PMD		ps	$\leq 0.1$	
Thermal Stability		dB/°C	$\leq 0.005$	
Optical Power		mW	$\leq 500$	
Tensile Load		N	$\geq 5$	
Operating Temperature		°C	-5 to +70	
Storage Temperature		°C	-40 to +85	
Fiber type			SMF-28e with 0.9mm tube	
Package dimension		mm	5.5 x 34	

\* All the specifications are based on the devices without connector, and guaranteed over wavelength, polarization and temperature.

\*. Specifications are subject to change without notice.