

## Red/Blue Band Wavelength Division Multiplexer

Model #: RBWDM

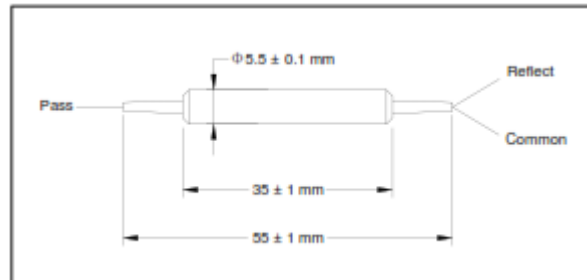
Description: Red/blue band wavelength division multiplexer

Application: WDM module and systems

Specifications:

Parameter	Unit	Specifications
Pass Band	nm	1530 – 1542 (1548 – 1560)
Max. Insertion Loss	dB	0.6
Typ. Insertion Loss	dB	0.4
Min. Isolation	dB	22
Typ. Isolation	dB	25
Reflection Band	nm	1548 – 1560 (1530 – 1542)
Max. Insertion Loss	dB	0.5
Typ. Insertion Loss	dB	0.3
Min. Isolation	dB	12
Typ. Isolation	dB	14
Max. Polarization Dependent Loss	dB	0.1 (typ. 0.05)
Min. Return Loss	dB	50
Thermal Stability	dB/°C	0.005
Max. Optical Power (CW)	mW	300
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to + 85
Dimension	mm	5.5 (D) x 35 (L)
Fiber Type		SMF-28 fiber

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL.



### Ordering Information:

**RBWDM-AAAA-B-C-D**

AAAA: wavelength	B: connector type	C: fiber jacket	D: fiber length
4248 – 1530 - 1542 pass	1 - FC/UPC	B - 250µm bare fiber	1 – 1.0 m
4842 - 1548 - 1560 pass	2 - FC/APC	L - 900 µm loss tube	X - other
XXXX - other	3 - SC/UPC	X - other	
	4 - SC/APC		
	N - none		
	X - other		