



Polarization Maintaining RGB Combiner (PMFWDM Series)

REV 11B

The PM RGB Combiner enable three primary colors in the visible wavelength region to be combined. The components are based on environmentally stable thin film filter technology and are characterized with high extinction ratio, low insertion loss, and high return loss.

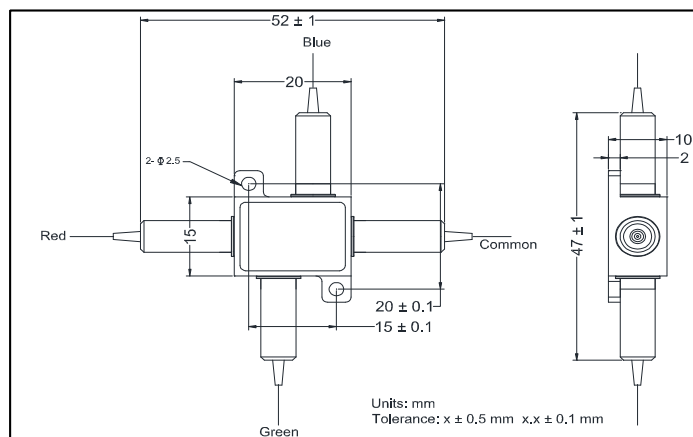
Specifications

Parameter		Unit	Value
Operating Wavelength (λ_c)		nm	635(R), 532(G), 488(B)
Max. Insertion Loss	R-C		4.0
	G-C	dB	3.5
	B-C		3.5
Min. Extinction Ratio	R-C		16
	G-C	dB	16
	B-C		17
Fiber Type	G, B & C port		PM 460 fiber
	R port		PM 630 fiber
Max. Optical Power (Continuous Wave)		mW	100
Operating Temperature		°C	25 to 45
Storage Temperature		°C	0 to 75

*IL is 1.5 dB higher, RL is 5 dB lower, ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

*The Optical Power is 50 mW only for connector added.

Package Dimensions



Ordering Information

PMFWDM-①①①-②-③-④

①①①: Wavelength

RGB - Red Pass/Blue & Green Reflect

②: Connector Type

1 - FC/UPC 4 - SC/APC

2 - FC/APC N - None

3 - SC/UPC S - Specify

③: Fiber Jacket

B - 250 μ m bare fiberL - 900 μ m loose tube

S - Specify

④: Fiber Length

Q - 0.75 m

S - Specify