



Polarization Maintaining Fused RG Combiner (PMWDM Series)

REV 11D

The Polarization Maintaining Fused RG Combiner is manufactured by using advanced technology and polarization maintaining fiber to enable the red and green light to be combined. They offer low excess loss, small size, high extinction ratio, high return loss, and excellent environmental stability.

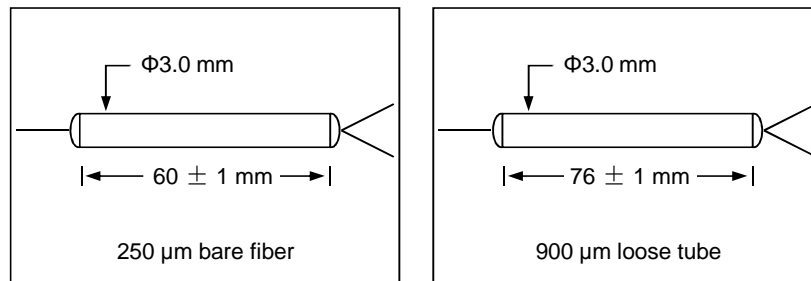
Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	532(G)/635(R)
Typ. Insertion Loss, λ_c	dB	1.0
Max. Insertion Loss, λ_c	dB	1.5
Min. Extinction Ratio	dB	18
Thermal Stability	dB/°C	≤ 0.005
Min. Return Loss	dB	55
Min. Directivity	dB	55
Max. Optical Power	mW	300
Fiber Type		Nufern PM 460-HP fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

*IL is 1.5 dB higher, RL is 5 dB lower, and 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

PMWDM-①-②②②②②②-③-④-⑤-⑥

①: Configuration

1 - 1 x 2

②②②②②②: Wavelength

532635 - 532 & 635 nm

③: Connector Type

1 - FC/UPC 4 - SC/APC

2 - FC/APC N - None

3 - SC/UPC S - Specify

④: Fiber Jacket

B - 250 μ m bare fiber

L - 900 μ m loose tube

⑤: Fiber Length

H - 0.5 m

Q - 0.75 m

S - Specify

⑥: Fiber Type

1 - Nufern PM 460-HP