



RG, RB, GB Combiner (WDM Series)

Rev 11D

Description

The RG, RB, GB Combiner enables any two primary colors in the visible wavelength region to be combined. The combiner offers very low insertion loss and excellent environmental stability.

Key Features

- Excellent Environmental Stability
- Low Insertion Loss

Applications

- Fiber Laser
- Fiber Optic Instruments

Specifications

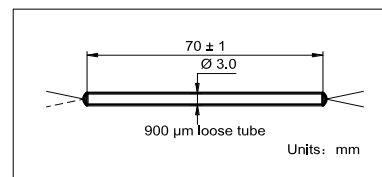
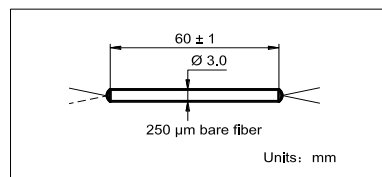
Parameter	Unit	Value
Center Wavelength (λ_c)	nm	532 (G)/635 (R), 488 (B)/635 (R), 488 (B)/532 (G)
Typ. Insertion Loss, λ_c	dB	0.3
Max. Insertion Loss, λ_c^1	dB	0.5
Thermal Stability	dB/°C	≤ 0.002
Min. Return Loss ²	dB	55
Min. Directivity	dB	55
Max. Optical Power (Continuous Wave) ³	mW	100
Operating Temperature	°C	- 40 to + 75
Storage Temperature	°C	- 40 to + 85

¹IL is 1.5 dB higher for each connector added.

²RL is 5 dB lower for connector added.

³The Optical Power is 50 mW only for connector added.

Package Dimensions



Ordering Information

WDM-①-②②②②②②-③-④-⑤-⑥

①: Configuration

1 - 1 × 2

2 - 2 × 2

②②②②②②: Wavelength

532635 - 532 & 635 nm

488635 - 488 & 635 nm

488532 - 488 & 532 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 μm Bare Fiber

L - 900 μm Loose Tube

⑤: Fiber Length

Q - 0.75 m

1 - 1.0 m

S - Specify

⑥: Fiber Type

1 - Nufern 460-HP