



Red, Green, Blue Combiner (WDM Series)

Rev 11C

Description

The Red, Green, Blue Combiner enables three 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

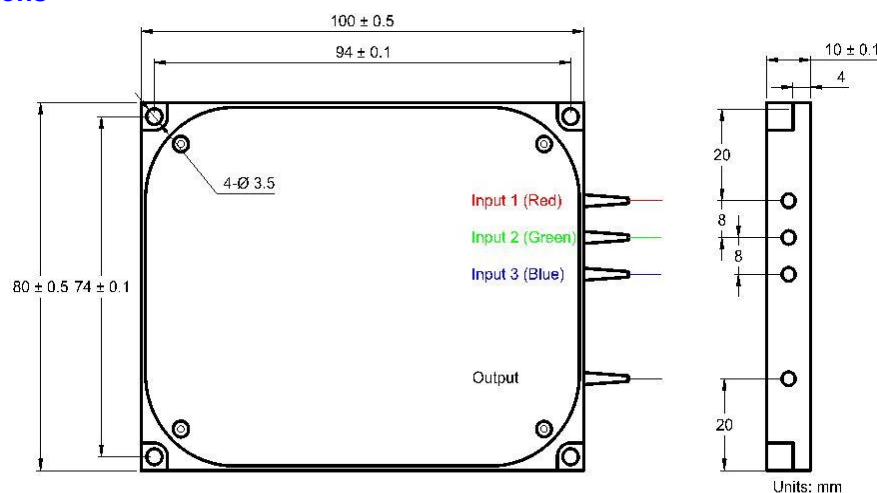
Parameter	Unit	Value
Center Wavelengths (λ_c)	nm	635 (R)/532 (G)/488 (B) or Specify
Typ. Insertion Loss, Red, Green, Blue Input to Output, λ_c	dB	0.8
Max. Insertion Loss, Red, Green, Blue Input to Output, λ_c ¹	dB	1.2
Thermal Stability	dB/°C	≤ 0.005
Min. Return Loss ²	dB	50
Min. Directivity	dB	50
Max. Optical Power ³	mW	100
Fiber Type	-	Nufern 460-HP Fiber
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-①-②-③-④

① Wavelengths	② Connector Type	③ Fiber Jacket	④ Fiber Length
1 - 635, 532, 488 nm	1 - FC/UPC 4 - SC/APC	B - 250 μ m Bare Fiber	H - 0.5 m
S - Specify	2 - FC/APC N - None	L - 900 μ m Loose Tube	1 - 1.0 m
	3 - SC/UPC S - Specify	3 - 3 mm Cable	S - Specify
		S - Specify	