

## Red, Green, Blue Combiner (WDM Series)

The Red, Green, Blue Combiner enable three primary colors in the visible wavelength region to be combined. They offer very low insertion loss and excellent environmental stability.

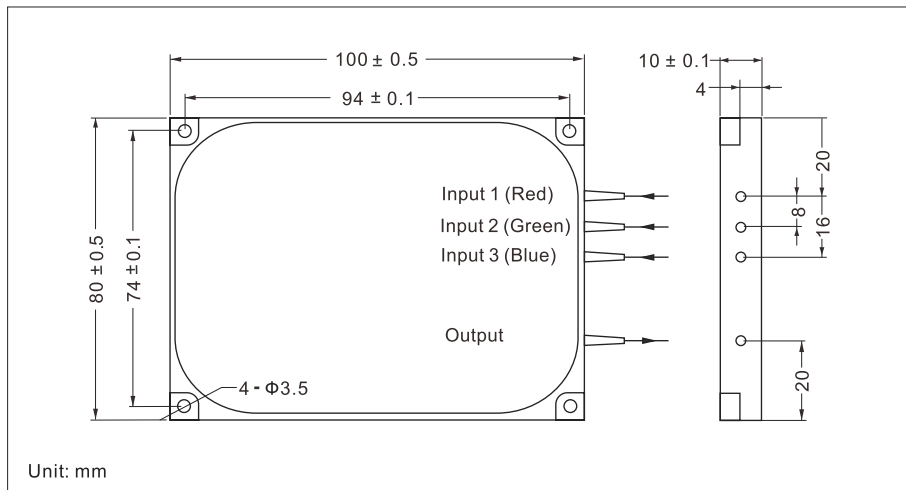
### Specifications

Parameter	Unit	Value
Center Wavelengths ( $\lambda_c$ )	nm	635(R)/532(G)/488(B) or Specify
Typ. Insertion Loss, Red, Green, Blue Input to Output, $\lambda_c$	dB	0.8
Max. Insertion Loss, Red, Green, Blue Input to Output, $\lambda_c$	dB	1.2
Thermal Stability	dB/°C	$\leq 0.005$
Min. Return Loss	dB	50
Min. Directivity	dB	50
Max. Optical Power (Continuous Wave)	mW	100
Fiber Type		Nufern 460-HP fiber
Operating Temperature	°C	- 40 to + 75
Storage Temperature	°C	- 40 to + 85

\*IL is 1.5 dB higher, RL is 5 dB lower for each connector added.

\*The 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 $\mu$ m bare fiber	H - 0.5 m
S - Specify	2 - FC/APC    N - None	L - 900 $\mu$ m loose tube	1 - 1.0 m
	3 - SC/UPC    S - Specify	3 - 3 mm cable	S - Specify
		S - Specify	