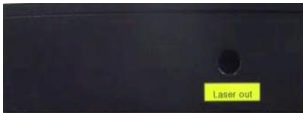


Multimode RGB Laser

General Specification		Red	Green	Blue
Wavelengths		635, 650nm	520, 532nm	405, 450nm
Output Power	Minimum	5mW	5mW	5mW
	Maximum	200mW~2W	200mW~10W	200mW~10W
Fiber Core Size		125 μ m~1000 μ m		
Connector Types		SMA 905, FC/APC, Collimation(Free space)		



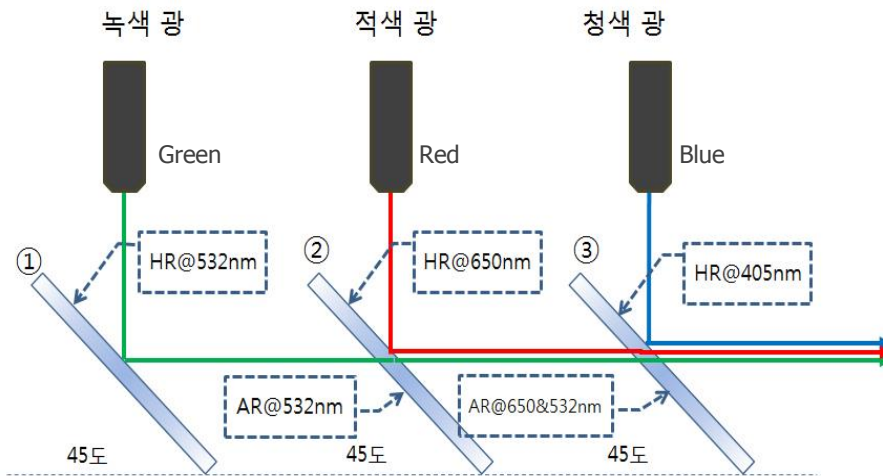
Laser Beam can be free space FC or SMA connector available.



앞면 레이저빔 출구

후면 전원커넥터 변조커넥터

측면 R,G,B 전원커넥터



Center wavelength	Reflectivity(HR)@45°	Transmission(AR)@45°	Coating type
635nm, 650nm	> 98%	> 98%	Dielectric
520nm, 532nm	> 98%	> 98%	Dielectric
405nm, 450nm	> 98%	-	Dielectric

Multimode RGB Laser

- Specification

Wavelengths		635nm, 650nm	520nm, 532nm	405nm, 450nm
Size	Minimum	dia.16mm x len.50mm	dia.20mm x len.80mm	dia.14mm x 45mm
Output Power	Minimum	5mW	5mW	5mW
	Maximum	200mW~2W	200mW~10W	200mW~10W
Output Aperture		dia.5mm	dia.5mm	dia.5mm
Operating Voltage		DC 5V~24V	DC 5V~24V	DC 5V~24V
Operating Current		less than 120mA~10A	less than 300mA~10A	≤165mA~10A
Maximum Modulated Frequency		Single ~ 10KHz	Single ~ 10KHz	Single ~ 10KHz
Beam Character		elliptical	roundish	elliptical
Divergence		1.0mrad	0.5mrad	0.5mrad
Optics		AR coated at both sides	AR coated at both sides	AR coated at both sides
Operating Temperature		-10~+40 Celsius degree	+15~+30 Celsius degree	+10 - +70 °C

- External Interface

Pin No	I/O	Signal	Description
1	Output	+5Vdc	Power
2	Input	TTL	Green Pulse Modulation (Low - Laser On, High - Laser Off)
			Red Pulse Modulation (Low - Laser On, High - Laser Off)
3	Input	TTL	Blue Pulse Modulation (Low - Laser On, High - Laser Off)
4	Input	TTL	
5	N/C	N/C	N/C
6	N/C	N/C	N/C
7	GND	GND	GND
8	GND	GND	GND
9	N/C	N/C	N/C
10	N/C	N/C	N/C