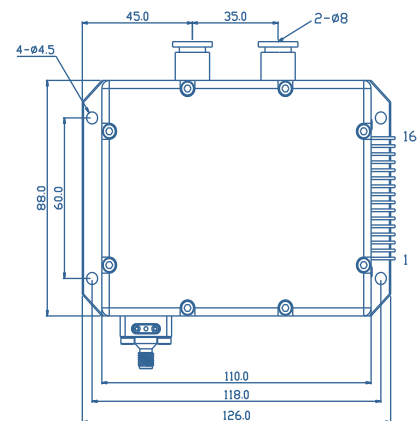
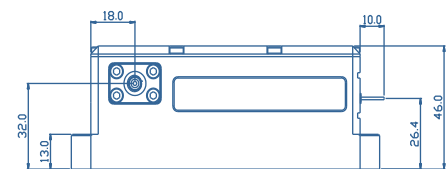
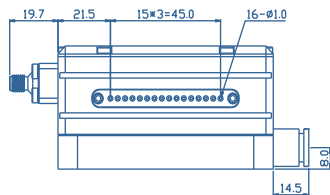


Model		M520±10-15-D400/22-V8-APK		
Optical	Unit	Min	Typical	Max
Output power (exit fiber)	W		15.0	
Centroid wavelength	nm	510	520	530
Spectral width (FWHM)	nm			10.0
Wavelength-Temperature Shift	nm/°C		0.33	
Fiber Receptacle				
Core diameter	µm		400	
Numerical aperture	-		0.22	
Connector	-		SMA905	
Electric				
Threshold current	A		0.2	
Operating current	A		1.4	1.5
Operating voltage	V		64.0	
Slope efficiency	W/mA		12.7	
Power conversion efficiency	%		17	
Accessories				
Thermistor	kΩ		10k@25°C	
Monitor photodiode current	µA		100 - 1000	
Absolute Ratings				
Operating (thermistor) temperature	°C		20 - 30	
Operating humidity	%		< 75	
Storage temperature	°C		-20 - 80	
Storage humidity	%		90	

1	LD 1 Anode
2	LD 1 Cathode
3	LD 2 Anode
4	LD 2 Cathode
5	LD 3 Anode
6	LD 3 Cathode
7	Red 5VDC
8	Red GND
9	Fiber Sensor LED Cathode
10	Fiber Sensor LED Anode
11	Fiber Sensor PD Cathode
12	Fiber Sensor PD Anode
13	Monitor PD Anode
14	Monitor PD Cathode
15	Thermistor
16	Thermistor



Compliance with Regulatory Requirements: This industrial laser is an OEM version of a laser diode. As such, it is intended only for integration into other equipment. This laser does not comply with IEC and CDRH requirements. The customer is responsible for IEC and CDRH certifications of the system that incorporates this industrial laser.



