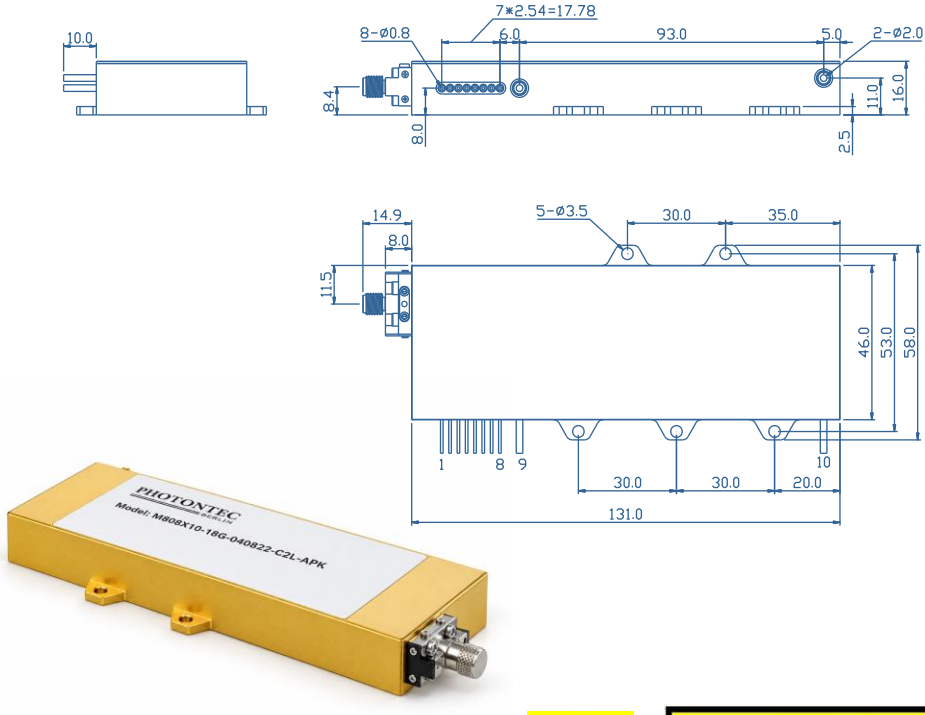
PHOTONTEC BERLIN

PRODUCT SPECIFICATIONS

Model			M980±10-150-D400/22-C2L-APK	
Optical	**Unit**	**Min**	**Typical**	**Max**
Output power (exit fiber)	W		150	
Wavelength peak	nm	970	980	990
Spectral width (FWHM)	nm			5.0
Fiber Receptacle				
Core diameter	µm		400	
Numerical aperture	-		0.22	
Connector	-		SMA905	
Electric				
Threshold current	A		0.9	
Operating current	A		17.0	17.5
Operating voltage	V		15.6	15.8
Slope efficiency	W/A		9.1	
Power conversion efficiency	%	55		
Accessories				
Thermistor resistance at 25°C	kΩ		10	
Red aiming	-		650nm/2mW	
Absolute Ratings				
Operating (thermistor) temperature	°C		25 - 35	
Operating humidity	%		< 75	
Storage temperature	°C		-20 – +80	

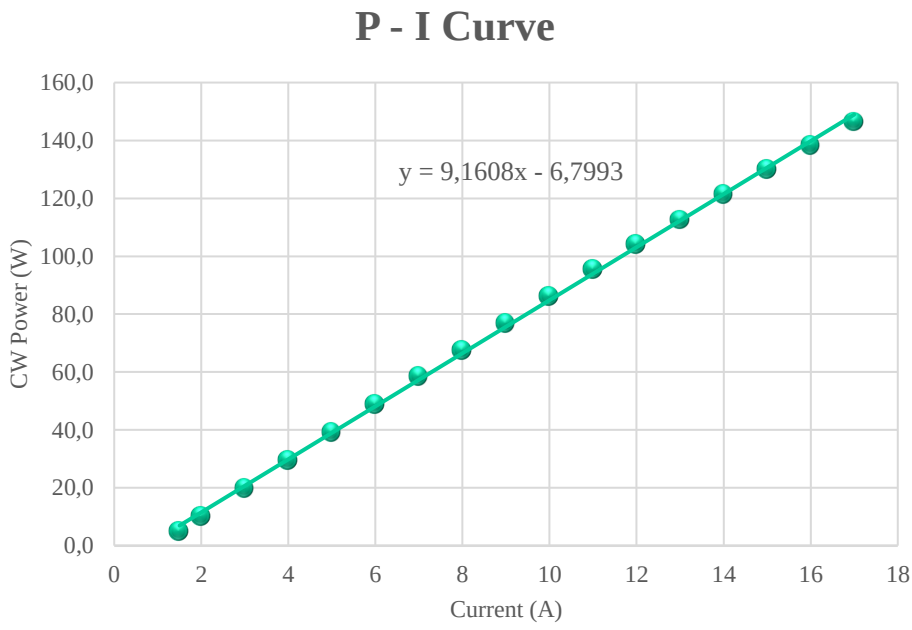
1	Fiber Connection Sensor LED Cathode
2	Fiber Connection Sensor LED Anode Detector PD Cathode
3	Fiber Connection Sensor Detector PD Anode
4	Red Aiming +5VDC Photodiode Anode
5	Red Aiming GND
6	Photodiode Cathode
7	Thermistor
8	Thermistor
9	Laser Diode Anode
10	Laser Diode Cathode

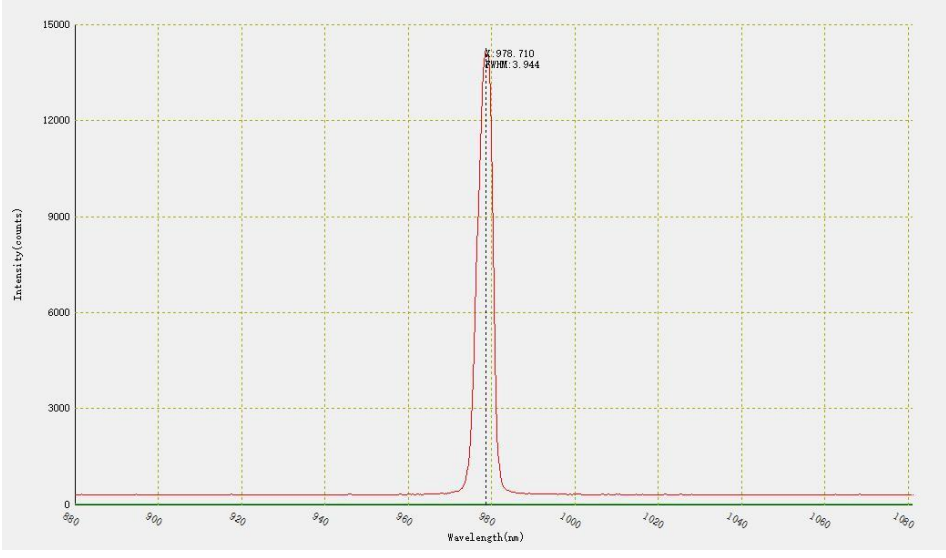


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LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION
CLASS 4 LASER PRODUCT





Regulatroy Compliance

This product is an OEM fiber-coupled semiconductor diode laser module intended solely for integration into other equipment or laser systems. It is not supplied as a complete laser system and is not certified by the manufacturer as a finished laser product in accordance with IEC 60825-1 or the applicable FDA/CDRH laser product performance requirements of 21 CFR 1040.10 and 1040.11.

The manufacturer of the equipment or system incorporating this OEM laser module is responsible for determining the applicable laser classification and for ensuring that the completed product complies with all applicable safety, labeling, protective-feature, certification, reporting, and other regulatory requirements.

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