

976nm~980nm 10W Fiber Coupled Laser Diode Module | Built-in TEC Cooler | 9-Pin HHL Package
976nm 10W|9-PIN Package| 105um, 200um, 400um Fiber Core Optional | High Power LD | Built-in PD
WSLX-980-010-M-H9-T-PD **Wavespectrum Laser Group** **en.wavespectrum-laser.com.cn**

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 976nm
- Multimode Fiber
- 9-Pin Package
- Built-in TEC Cooler
- Built-in Photodiode

Applications:

- Medical Laser Treatment
- Others



Specifications	WSLX-980-010-M-H9-T-PD		
	Min.	Type	Max.
Center Wavelength@25°C	976nm±15nm		
Spectral Width (FWHM)	-----	4nm	-----
Output Power	-----	10W	-----
Temperature Coefficient of Wavelength	-----	0.3nm / °C	-----
Threshold Current (Typ.)	-----	0.7A	1.2A
Operating Current (Typ.)	-----	14.0A	14.5A
Operating Voltage	-----	1.8V	2.3V
Recommended Case Temperature	25°C		
TEC Max. Current	6A		
TEC Max. Voltage	9.8V		
Thermistor	10K		
Fiber Core Diameter	105um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Package Style	9-Pin		
Connector Type	SMA905 / ST / FC		

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