



LDI P-FP-1625-70P

1625nm 70mW FP PULSE LASER DIODE MODULES

These laser diode modules are 1625nm pulse FP laser-diode coaxial modules with single-mode fiber pigtailed. These modules are optimal light sources for optical time domain reflectometer (OTDR).

Absolute maximum ratings

LD pulse forward current, I_{fl}	800mA
LD reverse voltage, V_{rl}	2V
Operating case temperature, T_c :	-20 ÷ +50°C
Storage temperature, T_{stg}	-30 ÷ +60°C

Electrical / optical characteristics (SM, T=25°C)

Parameter		Min.	Typ.	Max.	Unit	Test conditions
Wavelength	λ	1615	1625	1635	nm	Pulse*, P=70mW
Threshold current	I_{th}		40		mA	Pulse*
Operating current	I_{op}		700	750	mA	Pulse*, P=70mW
Operating voltage	V_{op}		1	1.9	V	Pulse*, P=70mW
Spectral width	$\Delta\lambda$		20	40	nm	Pulse*, P=70mW, -3dB

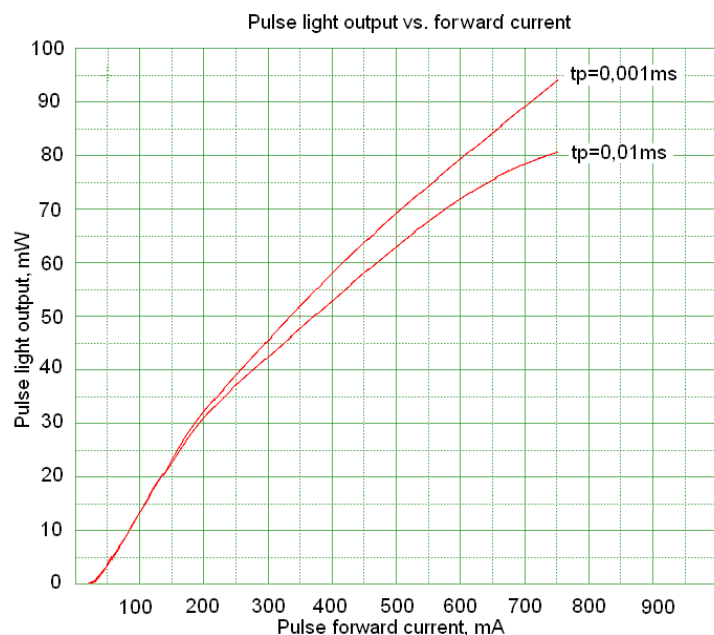
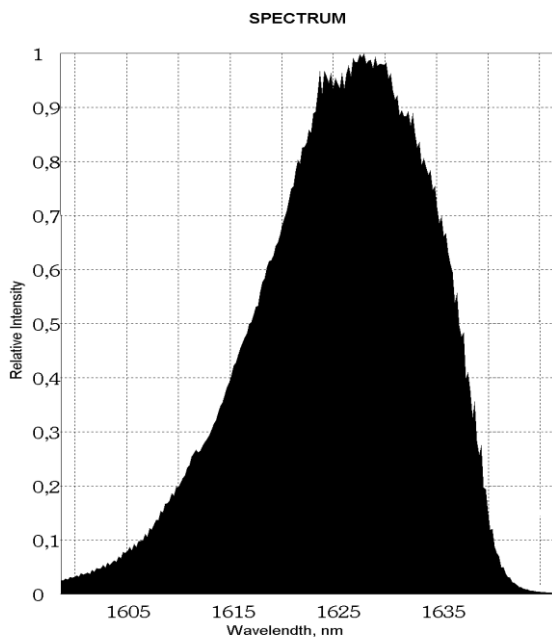
* Pulse Conditions: Pulse width - 10 μ s, Duty - 1%

Ordering information

LDI P-FP-1625-70P-X-SM-X

Case type: W, H

Connector type: FC/UPC, FC/APC, N – without connector



ATTENTION: ELECTROSTATIC SENSITIVE DEVICES

