



FERT-1535-40µJ-Q

Infrared Erbium Glass Laser

PERFORMANCE

Pulse Energy	> 40µJ
Peak Power	≥ 10kW

OPTICAL

Wavelength	1535nm
Pulse width	4ns
Pulse repetition frequency	1000Hz
Pulse Build-up Time	<0.3ms
Energy stability	<4%
Beam diameter(1/e ²)	0.3mm
Beam divergence	≤ 15mrad
M Squared	≤ 1.3

ELECTRICAL

Operating Current	4A
Operating Voltage	< 2V

ENVIRONMENTAL

Operating temperature range	-40°C to + 55°C
Storage temperature range	-55°C to + 75°C
Lifetime (MTTF)	≥20 million shots

PHYSICAL

Weight	10g
Dimensions (L/W/H)	29mm x 18mm x 7.7mm