



FERT-1535-100µJ-Q

Infrared Erbium Glass Laser

PERFORMANCE

Pulse Energy	≥ 100µJ
Peak Power	≥ 25kW

OPTICAL

Wavelength	1535nm
Pulse width (FWHM)	4ns
Pulse repetition frequency	10Hz
Pulse Build-up Time	<2.5ms
Energy stability	<5%
Beam diameter(1/e ²)	0.2mm
Beam divergence	≤ 12mrad
M Squared	≤ 1.3

ELECTRICAL

Operating Current	8A
Operating Voltage	< 2V

ENVIRONMENTAL

Operating temperature range	-40°C to + 65°C
Storage temperature range	-55°C to + 75°C
Lifetime (MTTF)	≥20 million shots

PHYSICAL

Weight	≤ 10g
Dimensions (L/W/H)	34mm x 18mm x 7.7mm