



L3HARRIS™
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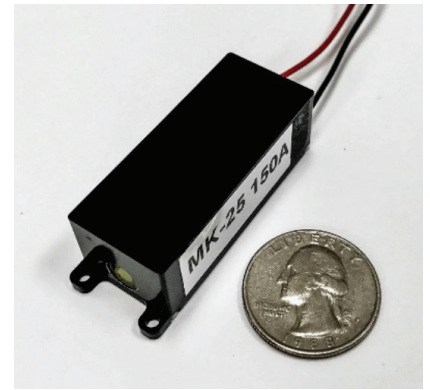
MK-25-150A

1 to 5 Hz, 2+ mJ, 6 ns

MK-25 - 150A

Specifications

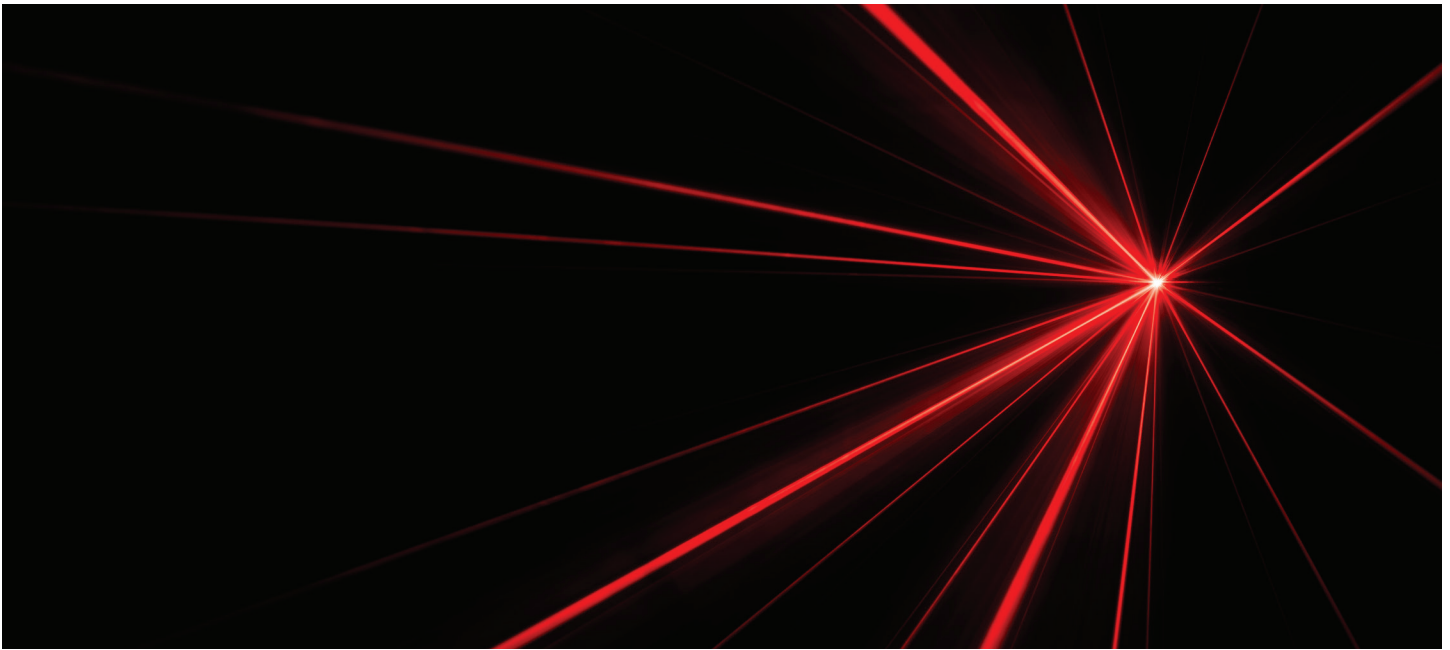
Wavelength	1535 nm
Laser Energy	2+ mJ
Pulse Repetition Rate	1 to 5 Hz 60 °C to 70 °C at 5 Hz, 20% duty cycle per minute
Laser Pulse Width	≈ 6 ns
Raw Beam Diameter	0.8 mm
Beam Divergence (D4σ method)	≤ 4.2 mrad
M ²	≤ 1.7
Beam Wander	≤ 0.5 mrad
Laser Head Size (in inches)	1.83 in x 0.78 in x 0.61 in
Laser Head Size (in centimeters)	4.65 cm x 1.98 cm x 1.55 cm
Laser Head Weight	≈ 41 g
Laser Operational Temperature	-40 °C to +71 °C
Laser Storage Temperature	-55 °C to +90 °C
Electrical Requirements	2 V, 150 A, < 3 ms
Conductive Cooling Requirements	< 4.5 W
Integrated Photodiode	No



The MK-25 - 150A is an “eye-safe” 1.54 μm diode-pumped passively q-switched Erbium glass laser transmitter with no integrated photodiode.

ABOUT L3HARRIS

L3Harris is an ISO 9001:2015 certified full-service manufacturer of miniature eye-safe diode-pumped 1.54 μ m Erbium glass laser transmitters and specialty laser and filter glass material. These items are used in applications including laser range-finding, range gate imaging, Light Detection and Ranging (LIDAR), and Laser-Induced Breakdown Spectroscopy (LIBS).



MK-25-150A

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



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