The Miniature Laser Range Finder (MLRF)-2B is the latest addition to the L3Harris Diode-Pumped Eye-Safe Laser Range Finder product family. Weighing just over 1kg, firing with nominal 3 mJ output energy, optimized beam divergence, an integrated visible Boresight source, and sensitive APD receiver, the MLRF-2B provides even the most demanding users with exceptional performance and ease of system alignment in a ruggedized, lightweight package.

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L3Harris is a global leader in defense technologies and services, L3Harris is an ISO 9001 certified full-service designer and manufacturer of military grade Eye-Safe Laser Range Finder, Laser Designator, and Multi-Function Laser Systems.

NOTE 1: These parameters, together and in combination with the atmospheric and target characteristics shown, provide the user with the achievable range performance shown in Figure 1, as seen below.

Figure 1: DP-ELRF | MLRF-2B Ranging Performance Using Various Targets (FAR ≤ 0.1%)

FEATURES
Up to 25 km ranging capability, 39.9 km range gate
5 mJ nominal energy
Total weight < 1020 gm
Dimensions 8 in. L X 3.6 in. W X 2.1 in. H
Diode-Pumped Erbium: Glass
Avalanche Photo Diode Detector (APD)
Pulse Repetition Frequency ≤ 2 Hz
14 to 32 VDC
MIL-STD Tested Environments