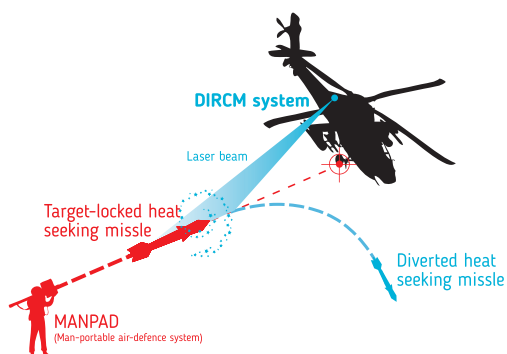


DESCRIPTION

BROLIS introduces industry's first 2.1 micron wavelength integrated laser module for band-I DIRCM applications based on BROLIS state-of-the-art direct diode laser technology! Our OEM laser modules for DIRCM feature hermetic package with complete integrated micro-optics for collimated beam output with ultra-small footprint.



DIRCM SYSTEM PRICIPLES

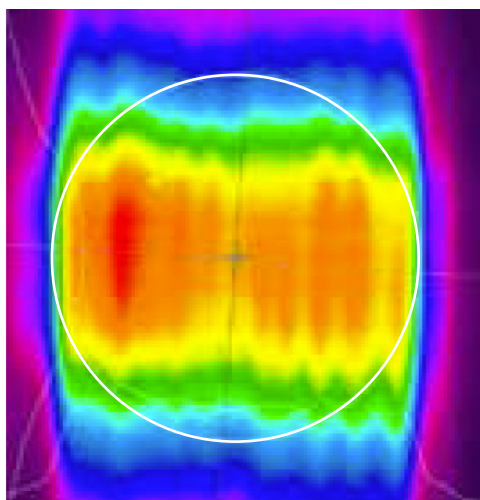


TYPICAL SPECIFICATION*

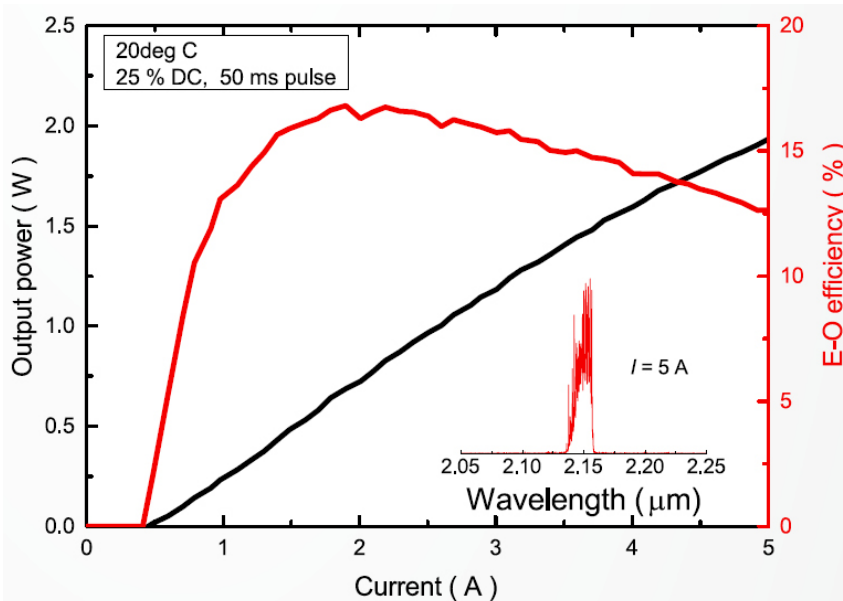
Minimum size (W x H x L)	25 mm x 15 mm x 25 mm
Output power	1 Watt / emitter
Divergence	5-8 mrad
Radiant intensity	> 20 kW/sr
Boresight accuracy	< 2 mrad
E-O efficiency	~ 15 %

* BROLIS runs complete manufacturing and integration technology in-house and presented specification is for guidance only. We offer to discuss individual requirements directly.

BEAM INTENSITY DISTRIBUTION OF A 2 WATT DUAL EMITTER DIRCM MODULE



Circle indicates a 9 mrad cone.



FOR ENQUIRIES

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2.1 MICRON DIRCM MODULE

BROLIS

Ultra-small footprint: 25 mm x 25 mm x 15 mm

2.1-2.3 micron emission window

15 % E-0 efficiency

> 20 kW/sr radiant intensity

< 30 g

Beam boresighted to mechanical axes of the housing



Industry's first 2.1 micron wavelength DIRCM module based on direct diode technology by BROLIS.