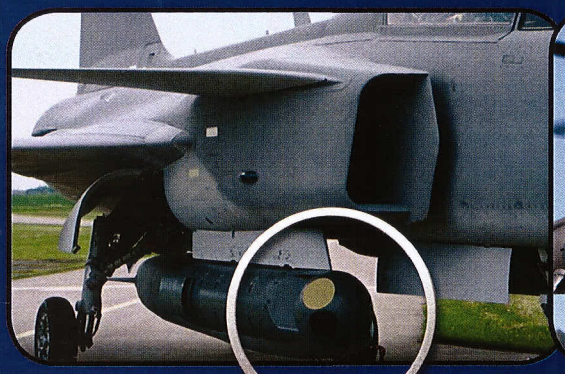
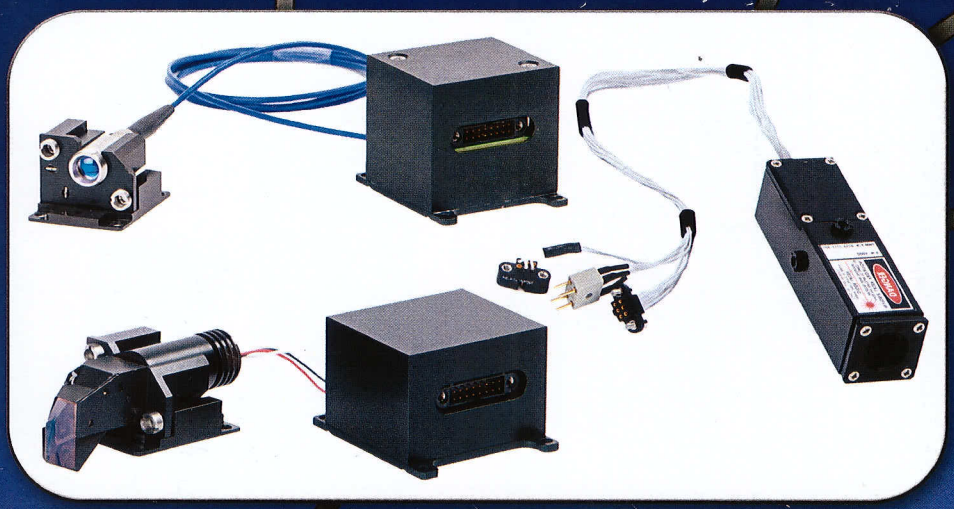
Thermal Beacon Ltd

Secure Optical Signaling

OEM Lasers





- *Point and illuminators laser built to specification*
- *Possible wavelengths from 532 nm up to 1550 nm*
- *The products are designed to withstand Mil - Std - 704D, Mil - Std - 810G*
- *Pointing and illumination for several kilometers*
- *Divergence from 0.5 mrad up to few degrees*
- *For operation per customer OEM demands*

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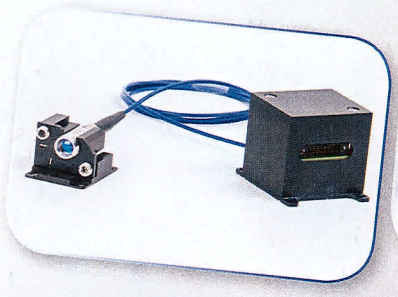
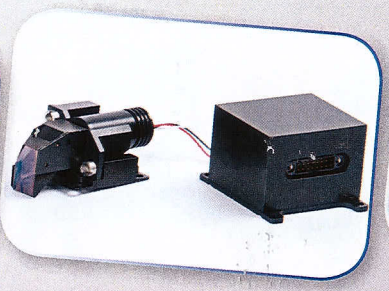
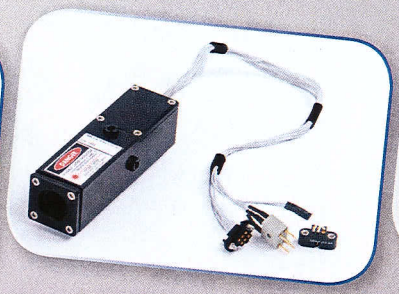

		Lapid Air		Tiny		Micro lapid 200c	Ray 200
Application		long range pointer/ illuminator		long range pointer		medium/short range pointer	medium/short range pointer
Laser Parameters							
Operational mode		CW, Flash		CW, Flash		CW, Flash	CW, Flash
Wavelength * other wavelenghts available		830 nm		810 nm		830 nm	830 nm
Output power		1.5 W		1.5 W		190 mw	190 mw
Repetition rate pulsed mode		up to 5 Hz		up to 5 Hz		up to 5 Hz	up to 5 Hz
Beam divergence (70% of energy)		4.3 mrad		1 mrad		0.5 mrad	0.5 mrad
Bore sight		2.1° tilt and 1.4° pan		2.1° tilt and 1.4° pan		±20 mrad	not included
General Parameters							
Operational voltage		28VDC		28VDC		28VDC	12VDC
		Laser Module	Driver Box	Laser Module	Driver Box		
Dimensions	Height	40 mm	45 mm	30 mm	45 mm	25 mm	20 mm
	Length	30 mm	40 mm	60 mm	40 mm	85 mm	45 mm
	Width	25 mm	45 mm	30 mm	35 mm	25 mm	45 mm
Weight		135 gr		85 gr	45 gr	85 gr	25 gr

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