

NOVATECH

MMF-7500

MINIATURE LED STROBE/FLASHER

Sub-sea deployable for up to five years

Visible from up to five nautical miles

Self-contained Submersible to 7,500m



NOVATECH - PROVEN THROUGHOUT THE OCEANS

The MMF-7500 is a deep rated, small form-factor, self-contained asset recovery strobe. Introduced as part of the new Mini-Flasher line, the MMF-7500 has been added to the NOVATECH family of asset recovery devices. This revolutionary design incorporates pure white LED technology that offers the user a range of configuration options for both flash rate, and intensity – that can be seen from up to 5 nautical miles.

Powered with Lithium, this miniature recovery aid is designed for long term ocean deployments (up to 5 years submerged), with enough power to flash for over 2 weeks. The Mini Flasher housing includes an integrated conductivity sensor that isolates the unit's power while submerged, and activates the device upon surfacing.

MetOcean

21 Thornhill Drive
Dartmouth, Nova Scotia B3B 1R9
CANADA

Tel: +1 902 468-2505

Fax: +1 902 468-4442

www.metocean.com

novatech@metocean.com

NOVATECH MMF-7500

MINIATURE LED STROBE/FLASHER

Technical Specifications

DIMENSIONS

Diameter	1.13" Maximum
Height	15.00"
Mass in air (with batteries)	0.66 kg / 1.46 lb
Mass in water (with batteries)	0.48 kg / 1.06 lb

CONSTRUCTION

Hull Material	Titanium (Grade 2)
Cap Material	Titanium (Grade 5)
Lens Material	Polycarbonate / Epoxy
Color	Natural

POWER

Battery	7x CR123A Lithium
On/Off Control	Magnetic reed switch
RF Control	Dip Switch
Activation	Surface sense (conductivity) Optional daylight sensing daytime power save mode Optional tilt switch (mercury)

LIGHT

LED	Pure White - 3.6 W, 2.3W - User configurable
Visible Range	5 nautical miles
Flash Rate Options	1 to 3 bursts every 1, 2, 3, 4, 5, 10, 20, 30 seconds
Effective Intensity	235 lm (3.6W) 170 lm (2.3W)

OPERATIONAL

Temperature	-40°C to 60°C
Maximum Depth	7,500 meters
Operating Life	16 days, double burst every 4 seconds, daylight off 5 years underwater (Factory settings at 20°C)

STORAGE

Temperature	-40°C to 85°C
Life	10 years at 25°C, 90% capacity



Data collection and communication experts

21 Thornhill Drive - Dartmouth, Nova Scotia B3B 1R9 - CANADA / Tel : +1 902 468 2505 / Fax : +1 902 468 4442
www.metocean.com / novatech@metocean.com