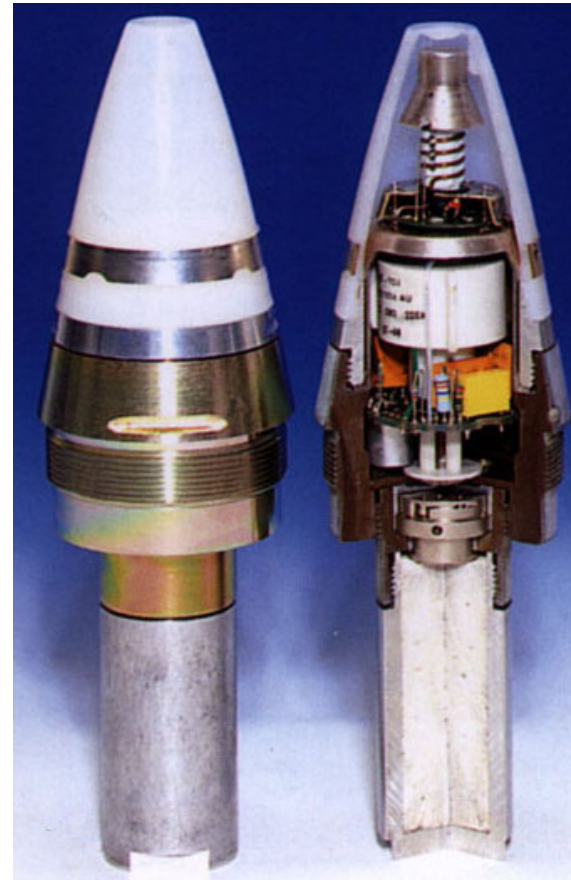


**FP-76N2
FUZE
Proximity Impact
for calibre 76X636 mm
(76/62 OTO MELARA)
NAVAL AMMUNITION**



REF.1377 BROCHURE
Rev.02 – 10/2020

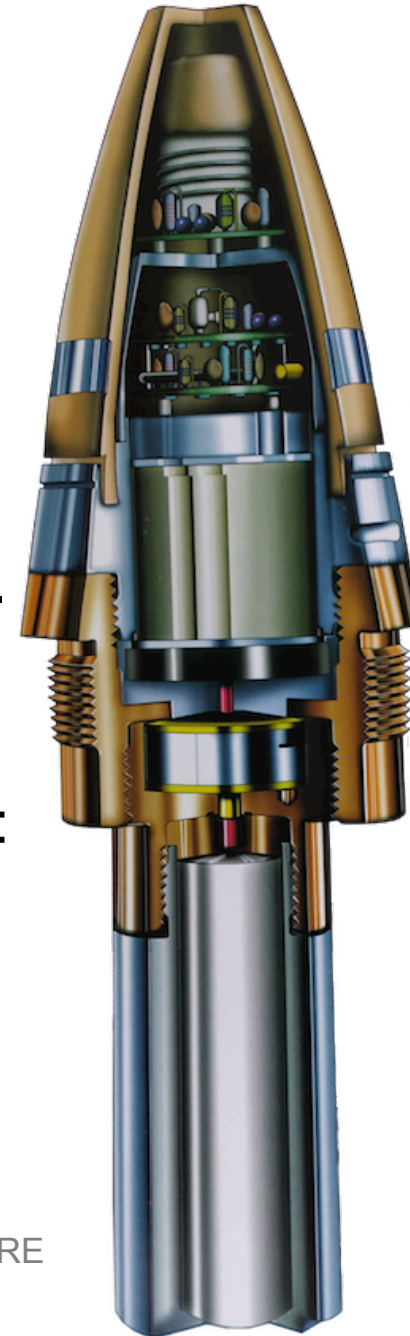


GENERAL

FP-76N2 fuze was developed specifically to optimize the performance of 76 mm naval ammunition against surface and aerial targets including high speed and sea skimming missiles.

FP-76N2 features state of the art electronics for Optimum performance, Safety and Reliability. The fuze comprises the following main elements:

- **RF Oscillator Circuit**
- **Singal Processing Circuit**
- **Power Supply**
- **Safety and Arming Device**
- **Booster**



REF.1377 BROCHURE
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SPECIFICATIONS FP-76N2 FUZE

part 1

Mass	915 g
Length Overall	203 mm
Length Intrusion	108 mm
Length Visual	95 mm
Thread Size	M58 X 1.5
Fuze Functions	Proximity Impact Self Destruction
Time to Self Destruct	26 s \pm 3 s



SPECIFICATIONS

FP-76N2 FUZE part 2

Acceleration

26500 g

Rotation

25000 R.P.M

Arming Distance Impact

120 m (from muzzle)

Arming Distance Proximity

300 m to 600 m (from muzzle)

Safety Distance

40 m (from muzzle)

Sensitivity

4 m miss distance

800 m/s relative velocity

Burst Range - Aircraft

7 m

Burst Range - Helicopter

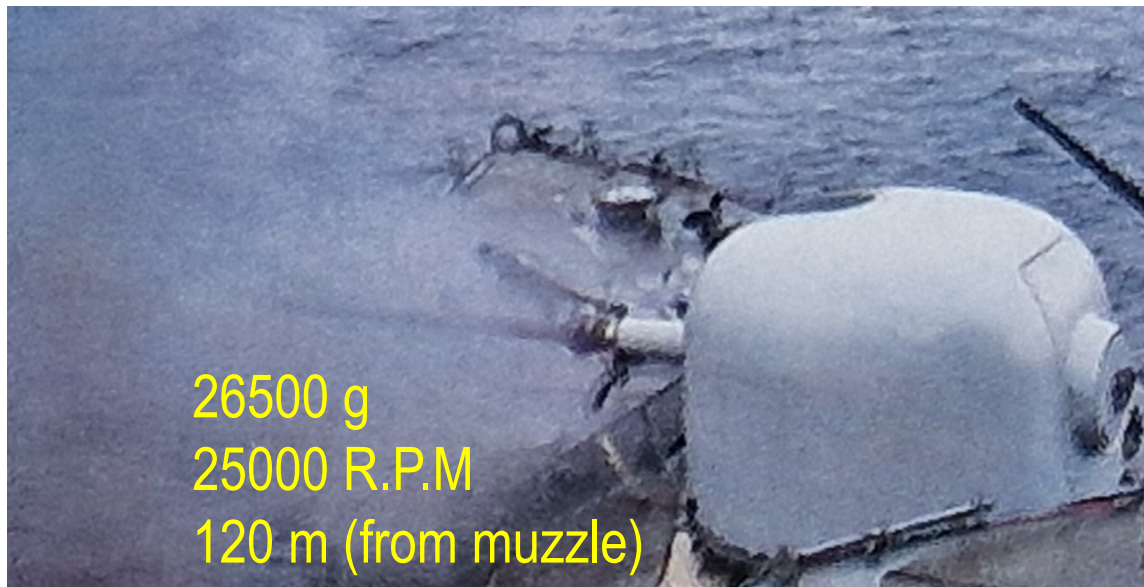
4 m to 7 m

Burst Range - Missile

5 m

Minimum Operating Range

500 m



SPECIFICATIONS FP-76N2 FUZE

part 3

Operating Temperature

-20 °C to +50 °C

Storage Temperature

-40 °C to +55 °C

Reliability Overall

98%

Safety Mil.Standards

MIL-STD-331

MIL-STD-1316

Storage Life

10 years

