

## ADVANCED ANTI-AIR & ANTI-SURFACE DEFENCE GUN SYSTEM

- RAPIDFire Naval system provides a light & compact, easy to integrate and multi-role solution for today's and future threats
- Based on the 40CTA (40mm Cased Telescoped Ammunition), the new reference for medium calibre
- RAPIDFire Naval can function either in an integrated or autonomous mode

◀ ADVANCED AIR DEFENCE SOLUTIONS ▶

# RAPIDFire Naval

Multi-role Artillery Gun System based on the 40CTA  
Dual capability (Land & Naval)





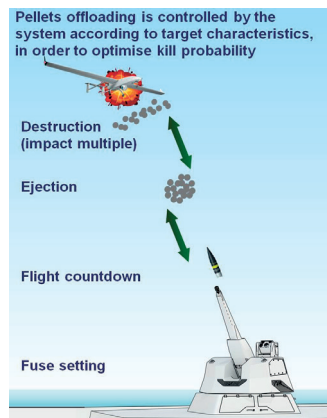
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## RAPIDFire Naval

Multi-role Artillery Gun System based on the 40CTA

### KEY MISSIONS

- Thanks to its powerful and accurate "all-in-one" gun and optronic fire-control, RAPIDFire Naval is optimized to defeat new air threats such as Unmanned Aerial Vehicles (UAV), helicopters, Fighters Ground Attack (FGA), cruise missiles, Fast Patrol Boats (FPB), sea-skimming missiles,...
- Perfectly suited to police missions as control, antipiracy, anti-trafficking... RAPIDFire Naval can also be used for self-defence when docked or moored
- Either in an autonomous or integrated mode, RAPIDFire Naval provides unrivaled anticipation capability



### OPERATIONAL BENEFITS

#### Precision and high firepower:

- Optronic sensor head is fitted directly on the turret
- The power of a 40mm gun with the compactness of a 25mm gun
- Latest generation 40mm Cased Telescoped Ammunition
- Target matched firing rate up to 200 rounds/min
- Typical burst against air threats: 1 to 10 A3B rounds
- Up to 140 ready-to-fire rounds in the turret (no manual handling necessary prior to firing) + available rounds in the storage compartment of the turret structure

#### Integrated or full autonomy:

- In the integrated mode the system receives the target designation through the CMS
- In the autonomous mode the system operates without CMS connection
- Manning: only 1 operator required to operate the system (weapon engagement and firing order)
- One console needed (not specific)

### KEY FEATURES

#### Gun ammunition types:

40 mm gun has both air and ground defence capabilities with dedicated ammunition:

- 1 Two types of fused high energy General Purpose Round (GPR) ammunition:
  - Point Detonating (PD)
  - Air Burst (AB)
- 2 Armour Piercing Fin Stabilized Discarding Sabot (APFSDS) against armoured vehicle penetrates 140mm of Rolled Homogeneous Armour at 1500m
- 3 Training Practice (TP) for operator training purpose
- 4 Anti-Aerial Air Burst (A3B) for air targets, integrating hundreds of tungsten pellets



#### Gun effective range:

- Air Target (ammunition 4): up to 4000m
- Surface Target: up to 2500m

#### Fire Control System:

- Gyro-stabilized gun
- Gyro-stabilized optronic sight: InfraRed + Daylight + Laser Range Finder
- The optronic sight enables:
  - Visual identification prior to engagement
  - Target tracking for engagement
  - Real time assessment of interception