

## Meteor Missile

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### Meteor Missile Latest News

After defeating Pakistan in the recent conflict through Operation Sindoor, India is set to further enhance its air combat capabilities through the planned acquisition of a substantial number of Meteor air-to-air missiles.

### About Meteor Missile

- It is an advanced **radar-guided, beyond-visual-range air-to-air missile (BVRAAM)**.
- METEOR has been **developed by a group of European partners led by MBDA to meet the needs of six European nations: the UK, Germany, Italy, France, Spain, and Sweden.**
- MBDA is a European multinational corporation specialized in the design, development, and manufacturing of missiles and related systems.

### Meteor Missile Features

- It has a length of 3.65 m and a diameter of 0.178 m.

- Unlike most similar solid-fuel missiles, the Meteor is equipped with a **ramjet engine**, which allows for **controlled flight speed and complex maneuvers**.
- It has a **range of up to 200 kilometres**.
- Designed for a speed greater than Mach 4, the missile has a **large no-escape zone**.
- Guided by an advanced **active radar seeker**, Meteor provides all-weather capability to engage a wide variety of targets from agile fast jets to small UAVs and cruise missiles.
- It is equipped with a **two-way datalink**, which allows the launch platform to provide updates on targets or re-targeting when the missile is in flight.
- It is equipped with a **blast-fragmentation warhead**.

**Source: IT**

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