



155 MM ELECTRONIC FUZE

Designed & Manufactured by:
AVNL (MPF)

SALIENT FEATURES

- An indigenous development through in-house R&D under the Make in India initiative with more than 70% content already achieved in both variants.
- The flexibility of design changes as per the User's futuristic requirements.
- In line with international standards: MIL-STD-1316, MIL-STD-331 and STANAG-4187
- Modular design
- Shelf life of min. 15 years under sheltered storage condition.
- Provides two layers of safety i.e. Electronics and Mechanical.



155MM ELECTRONIC PD FUZE /TIME FUZE

- Mode of operation (PD fuze):
 - (1) Point Detonation - Super quick
 - (2) Option to set the post-impact delay of min. 40 ms
- Min. operating range is equivalent to 0.9 sec.
- Functional reliability - 95% in both modes.
- Compatible to fire with all in-service 155 mm.



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FOR FURTHER INFORMATION
CONTACT

info@avn1.co.in
mpf@ord.gov.in



AVNL MPF Ambernath
@Mpf_Avn1

155MM ELECTRONIC TIME FUZE

- For use with carrier shells (Smoke, Illuminating, and Cargo)
- Time setting from 3 to 190 seconds, with increments of 0.1 seconds.
- Capable of being set to function on impact.
- The functional reliability of 95% within ± 0.05 seconds, both in time and point detonation modes.
- Compatible to fire with all in-service 155 mm guns.

FUZE SETTER

- Common for all the three variants of Fuzes: 105mm / 130mm / 155mm
- Feature of 'Calibration time' to meet time accuracy in time mode.
- Possible to set the Fuze in safe mode.
- Meeting all the requirements mentioned in standard JSS-55555
- Shelf life of more than 15 years.

ACHIEVEMENTS

- Developed PD/time fuze for all artillery guns

CUTTING EDGE TECHNOLOGY

MACHINE TOOL PROTOTYPE FACTORY

A UNIT OF ARMoured VEHICLES NIGAM LIMITED (AVNL)

A GOVT. OF INDIA ENTERPRISE
MINISTRY OF DEFENCE

www.avnl.co.in

CONTACT:

THE CHIEF GENERAL MANAGER,
MACHINE TOOL PROTOTYPE FACTORY AMBERNATH
DIST-THANE, MAHARASHTRA - 421502
PHONE NO: 251-2613884, E-MAIL: mpf@ord.gov.in

HEADQUARTER:

ARMoured VEHICLES NIGAM LIMITED (AVNL),
HVF ROAD, AVADI, CHENNAI- 600 054
PHONE NO: 044 26383601, 044-26384784
E-MAIL: info@avnl.co.in