RADAR TARGET SIMULATOR – FIXED DISTANCE

AMG043-006B - *Radar target simulator*

- Designed to simulate speed and distance under safe conditions
- Independent from all radar modulations (pulse, CW, FSK, FMCW)
- Accurate and high performing

DESCRIPTION

The RTS AMG043-006B creates a calibrated echo at a given distance for a programmable rate. The response is continuous or pulsed at a rate of 3 s ON and 3 s OFF.

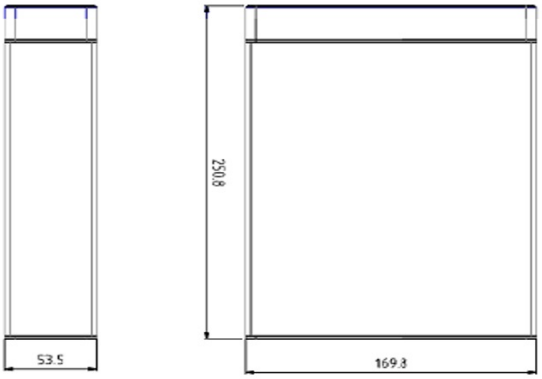
The 12 V powered version can be supplied as a stand-alone unit in a carrying case for installation checks.

USE

APPLICATIONS

- Metrological control and approval of 24 GHz radars
- Calibrated SER simulation
- Test bench for K-band radars (24 GHz)
- Verification of speed measurement equipment (except multi-target radars)
- Verification of radar in production and on site

ADDITIONAL INFORMATION



FEATURES

- Simulation of a distance in the range of 2.5 m to 1000 m with an accuracy of 0.5m
- Programmable direction of travel
- Continuous or ON/OFF simulation
- Speed in m/s, km/h and mph
- Speed from ± 800 Km/h
- SER from -20 dBm² to +40 dBm² (to be defined)
  12 V, 12 W

DISCLAIMER: AMG Microwave reserves the right to make modifications to the design and characteristics of this product at any time and without prior notice.
document reference: AMG043-006B-1

AMG MICROWAVE | 11, rue Louis de Broglie Z.I PEGASE 22300 LANNION | contact@amg-microwave.com | +33(0)2 96 37 79 54