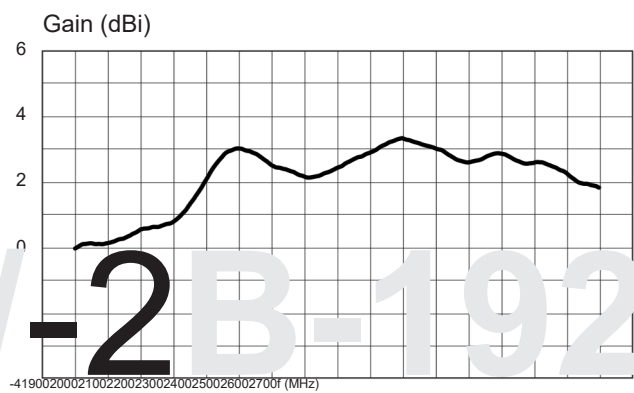
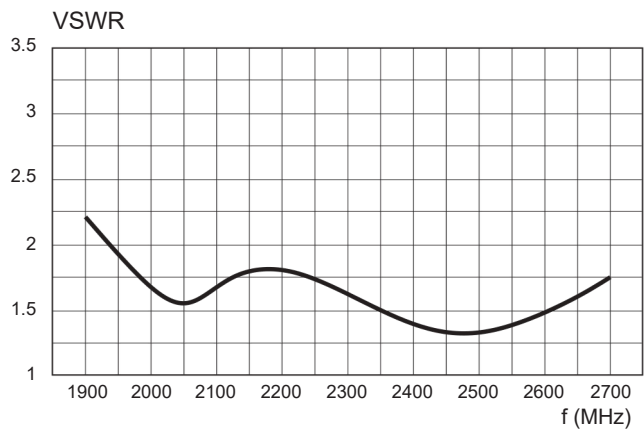
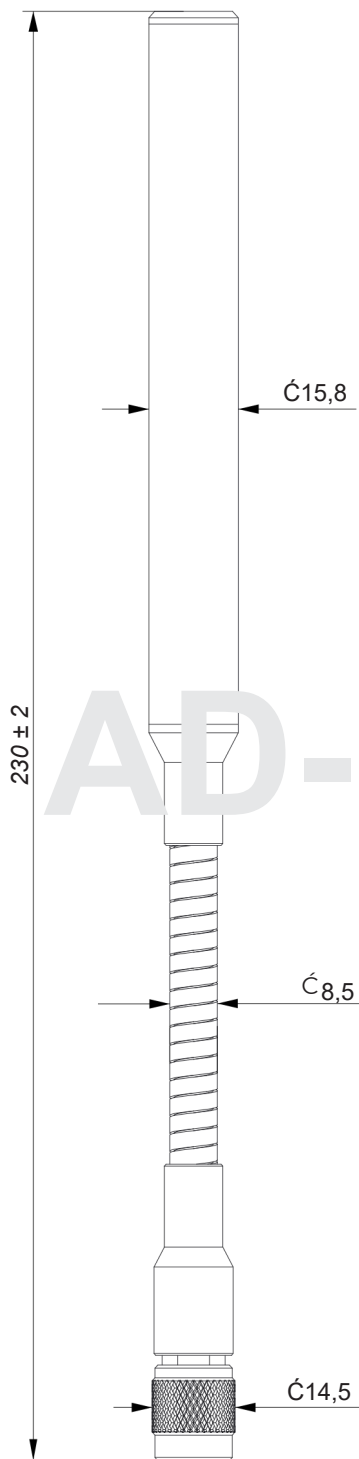


DESCRIPTION

The AD-62/B-1927 antenna is a dipole (center-fed) omni antenna designed for handheld radio systems or any other mobile communication platforms. It operates within the frequency range of 1900 to 2700 MHz. The antenna's flexible goose-neck can be bent to assist with polarization diversity in multi-antenna MIMO/MANET radio systems. Electrically, the antenna is optimized for all operating conditions. It consists of three basic elements, arranged from bottom to top: connector unit, flexible goose-neck, and dipole radiator. The dipole element is enclosed in a rigid plastic tube, and the antenna connector is TNC male.

ELECTRICAL SPECIFICATIONS Frequency range Impedance VSWR Gain Polarization Maximum power Connector	1900 - 2700 MHz 50 ohm < 2.5 See diagram Vertical 25 W CW TNC male
MECHANICAL SPECIFICATIONS Design Height Weight Diameter Temperature range - in use Temperature range - in stock Color	UHF Dipole Antenna 230 ± 2 mm 65g 15,8 mm -50 ... +55 °C -55 ... +75 °C Black
ENVIRONMENTAL SPECIFICATIONS (per MIL-STD-810G) High Operating Temperature Low Operating Temperature High Temperature Storage Low Temperature Storage Humidity Salt Fog Vibration Immersion Rain Sand and Dust Solar Radiation Fungus Altitude	+85 °C Method 501.5 Proc. II -40 °C Method 502.5 Proc. II +85 °C Method 501.5 Proc. I -50 °C Method 502.5 Proc. I Method 507.5 Proc. II Method 509.5 Method 514.6 Proc. I Method 512.5 Proc. I Method 506.4 Proc. II Method 510.5 Proc. I Method 505.5 Proc I Method 508.5 Method 500.5 Proc. I





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