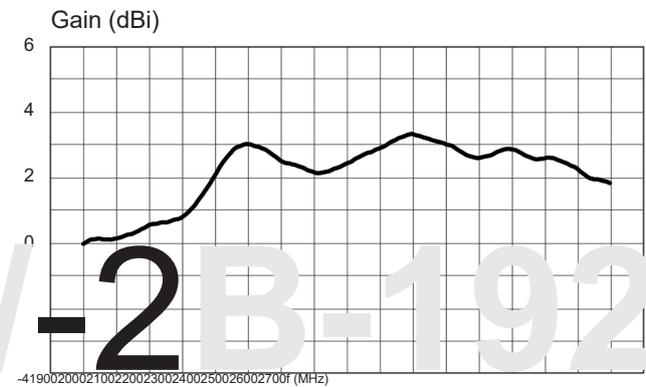
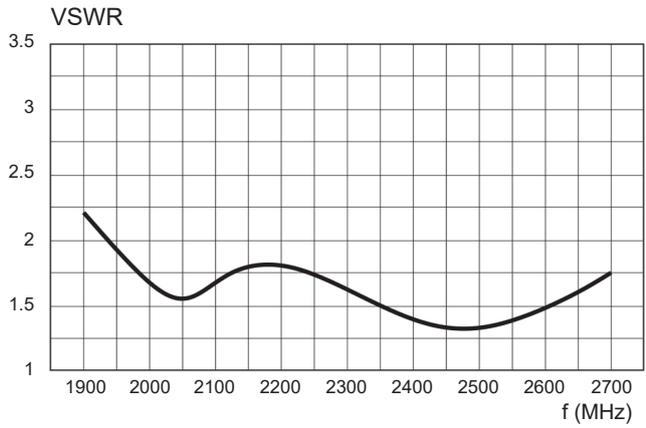
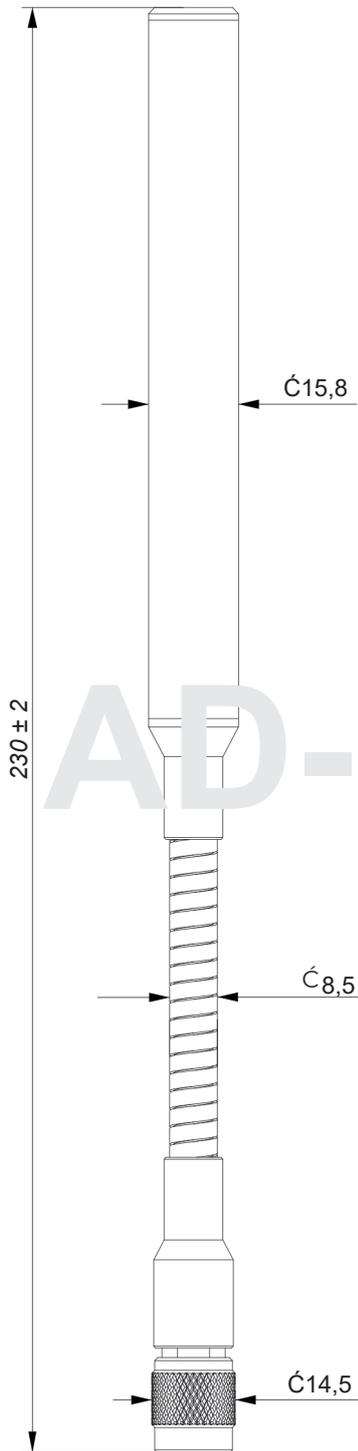


DESCRIPTION

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





AD-62/-2B-1927

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