

Wideband Handheld Dipole Antenna

WD1927GH

The WD1927GH is an extremely lightweight wideband dipole antenna with a small visual signature for the L and S bands. Its center fed antenna design combined with a flexible mechanical structure make the antenna well suited for vest mounting. The antenna provides effective coverage for a range of voice and data communications used in modern SDRs.

- Excellent performance over the entire frequency range
- Extremely low weight antenna with flexible gooseneck allowing easy vest integration and support for polarization diversity for MIMO usage
- Non-Rotating RF connector (TNC) allowing easy usage



Product details*	
Frequency range	1980 - 2700 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Wideband dipole – no ground plane required
Radiation pattern	Omnidirectional
Gain	2 dBi (More details on request)
VSWR	≤ 2.0
Nominal Impedance	50 Ω
Power rating	24 W (RMS)
Standard color	Black
Radiator	Flexible gooseneck and fiberglass radome protected radiator (Ø 15 mm)
Height	205 mm
Weight	60 g

Installation*	
RF connection	Male TNC-type
Mounting	Directly to a matching connector

*Specific adjustments on request

Environmental Specifications	
Temperature range (operating)	-40 ... +85 °C

Order number	Product
WD1927GH	Antenna as described above
WD1927GH-C0	Antenna with rotating male N-type connector (height 225 mm, weight 90 g)