

Wideband UHF Manpack Antenna

WD427Q

The WD427Q is a compact manpack antenna that provides ideal performance over the entire frequency band. The antenna comes with a steel shock absorption spring by default, but is also optionally available with a lightweight rubber spring. High power handling capabilities make the WD427Q well suited for Counter-RCIED and jamming applications.

- Excellent performance over the entire 420 - 2700 MHz frequency range
- Low weight and small visual signature
- Rugged antenna construction with shock absorption spring



WD427Q

WD427RQ

Product details*	
Frequency range	420 - 2700 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Wideband dipole
Radiation pattern	Omnidirectional
Gain	Measured patterns on request
VSWR	≤ 3.5
Nominal Impedance	50 Ω
Power rating	25 W (RMS)
Standard color	Black
Radiator	Radome protected (Ø 28 mm)
Height	440 mm
Weight	400 g

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

*Specific adjustments on request

Order number	Product
WD427Q	Antenna as described above (with Ø 36 mm steel spring)
WD427RQ	Antenna with rubber spring (Height: 470 mm / Weight: 300 g)