

Wideband UHF Manpack Antenna

WD528Q

The WD528Q 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 flexible gooseneck, lightweight rubber spring or without a spring. High power handling capabilities make the WD528Q well suited for Counter-RCIED and jamming applications.

- Excellent performance over the entire 480 - 2800 MHz frequency range
- Low weight and small visual signature
- Rugged antenna construction with shock absorption spring



Product details*	
Frequency range	480 - 2800 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	50 W (RMS)
Standard color	Black
Radiator	Radome protected (Ø 28 mm)
Height	400 mm
Weight	365 g

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

*Specific adjustments on request

Order number	Product
WD528Q	Antenna as described above (with Ø 36 mm steel spring)
WD528RQ	Antenna with rubber spring (Height: 410 mm / Weight: 270 g)
WD528G	Antenna with 12 cm gooseneck (Height: 460 mm / Weight: 340 g)
WD528	Antenna without a spring (Height: 345 mm / Weight: 260 g)