

## 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<br>(with Ø 36 mm steel spring)        |
| WD528RQ      | Antenna with rubber spring<br>(Height: 410 mm / Weight: 270 g)   |
| WD528G       | Antenna with 12 cm gooseneck<br>(Height: 460 mm / Weight: 340 g) |
| WD528        | Antenna without a spring<br>(Height: 345 mm / Weight: 260 g)     |