

# Lightweight VHF/UHF Dipole Manpack Antenna

## WD2245RQ

The WD2245RQ is a very lightweight wideband dipole antenna that does not require a ground plane for proper operation in the 225 – 512 MHz frequency range. Its ideal performance in the 225 – 400 MHz NATO band makes it very well suited for use with modern SDRs, providing an effective coverage for a range of voice and data communications including Have Quick II and SATURN.

- Lightweight and slim antenna design
- Rubber spring absorbs shocks and attenuates oscillation
- Effective coverage of the complete 225 – 512 MHz frequency range
- No ground plane required



| Product details*  |                            |
|-------------------|----------------------------|
| Frequency range   | 225 - 512 MHz              |
| Matching          | Passive                    |
| Polarization      | Nominally vertical         |
| Antenna type      | Wideband dipole            |
| Radiation pattern | Omnidirectional            |
| Gain              | Available on request       |
| VSWR              | ≤ 3.5                      |
| Nominal Impedance | 50 Ω                       |
| Power rating      | 60 W (RMS)                 |
| Standard color    | Black                      |
| Radiator          | Radome protected (Ø 30 mm) |
| Height            | 670 mm                     |
| Weight            | 340 g                      |

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

\*Specific adjustments on request

| Order number | Product                                                                        |
|--------------|--------------------------------------------------------------------------------|
| WD2245RQ     | Antenna as described above                                                     |
| WD2245Q      | Antenna with steel shock absorption spring<br>(Height: 660 mm / Weight: 490 g) |