

# Wideband VHF/UHF Manpack Antenna

## WB20520R

The WB20520R is a high performance manpack antenna for use in portable communications and jamming applications within the complete 20 – 520 MHz frequency range.

- Adequate horizontal radiation performance over the complete frequency range
- Foldable radiator for handy transportation and easy installation
- Rugged antenna construction with shock absorption spring



| Product details*  |  |
|-------------------|--|
| Frequency range   | 20 - 520 MHz                                   |
| Matching          | Passive  |
| Polarization      | Nominally vertical                             |
| Antenna type      | Monopole **                                    |
| Radiation pattern | Omnidirectional                                |
| Gain              | Patterns available on request                  |
| VSWR              | ≤ 3.5  |
| Nominal Impedance | 50 Ω   |
| Power rating      | 30 W (RMS) **                                  |
| Standard color    | Black  |
| Radiator          | Foldable radiator with shock absorption spring |
| Base              | Ø 36 mm  |
| Height            | 1800 mm (folded 1000 mm)                       |
| Weight            | 490 g  |

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

\* Specific adjustments on request

\*\* Ground plane required (see Page 3)

| Order number | NSN | Product                    |
|--------------|-----|----------------------------|
| WB20520R     | -   | Antenna as described above |