

Stationary Tactical VHF Antenna WB3090B

The WB3090B is a highly efficient tactical VHF antenna that can be mounted onto a mast or be used as a self-standing antenna on the ground or on fixed installations like containers or shelters. Its excellent performance in the 30 – 110 MHz frequency range makes it ideally suited for use with the latest tactical radios.



- High performance, 75W at 100% duty-cycle and typical gain of 0 dBi
- Multiple mounting options

| Product details* | |
|-----------------------------------|---|
| Frequency range | 30 - 110 MHz |
| Matching | Passive |
| Polarization | Nominally vertical |
| Antenna type | Ground plane antenna |
| Radiation pattern | Omnidirectional |
| Gain | Measured patterns on request |
| VSWR | ≤ 3.0 |
| Nominal Impedance | 50 Ω |
| Power rating | 75 W (RMS) |
| Standard color | Black/olive green |
| Radiator and ground plane radials | Aluminium alloy |
| Height | 4000 mm (operational), 2600 mm (disassembled in carry-on bag) |
| Weight | 4.0 kg |

| Installation* | |
|---------------|---|
| RF connection | Female BNC-type connector |
| Mounting | Self-standing or mast top mounting on ø 40 – 50 mm tubular mast |

*Specific adjustments on request

| Order number | NSN | Product |
|--------------|-----------------|---|
| WB3090B | 5985-58000-1003 | Antenna as described above |
| WB3090B-C0 | - | Same antenna with female N-type connector |