

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