

Wideband High-power Manpack VHF Antenna

WB25175XT

The WB25175XT is a high performance manpack antenna supporting high-power transmission. The antenna is particularly suited for portable jamming applications in the 25 – 175 MHz frequency range.

- High power rating, 50 W at 100% duty-cycle
- Rugged antenna construction with shock absorption spring and lightweight carbon fibre whip or robust aluminium / steel whip
- Foldable radiator for handy transportation and easy installation



Product details*	
Frequency range	25 – 175 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Monopole (ground plane required)
Radiation pattern	Omnidirectional
Gain	Available on request
VSWR	≤ 3.5
Nominal Impedance	50 Ω
Power rating	50 W (RMS)
Standard color	Black
Radiator	Foldable carbon fibre whip with shock absorption spring <i>Or alternatively: Foldable aluminium / steel whip with shock absorption spring (use –R2 option when ordering)</i>
Base	Ø 60 mm
Height	1620 mm (operational), 830 mm (folded)
Weight	510 g (antenna with carbon fibre whip) 630 g (antenna with aluminium / steel whip)

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

*Specific adjustments on request

Order number	Product
WB25175XT	Antenna with foldable carbon fibre whip
WB25175XT-R2	Antenna with foldable aluminium / steel whip