

# Wideband Manpack VHF Antenna

## WB25175C

The WB25175C is a high performance manpack antenna which is particularly suited for portable radio and jamming applications in the 25 – 175 MHz frequency range.

- Rugged antenna construction with shock absorption spring and lightweight carbon fibre whip or robust aluminium / steel whip
- High power, 20 W at 100% duty-cycle
- 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	Measured patterns on request
VSWR	< 3.5
Nominal Impedance	50 Ω
Power rating	20 W (RMS)
Standard color	Black
Radiator	Foldable carbon fibre whip with shock absorption spring Or alternatively: Foldable aluminium / steel whip with shock absorption spring (use –R2 option when ordering)
Base	Ø 36 mm
Height	1610 mm (operational), 820 mm (folded)
Weight	340 g (antenna with carbon fibre whip) 460 g (antenna with aluminium / steel whip)

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

\*Specific adjustments on request

Order number	NSN	Product
WB25175C	5985 - 58 - 000 - 1475	Antenna with foldable carbon fibre whip
WB25175C-R2	-	Antenna with foldable aluminium / steel whip