

Covert High-Power VHF Vehicle Antenna WB317XD

Covert high-power vehicle antenna for the 30 – 175 MHz frequency range. Antenna resembles a civilian or citizen band antenna making it suitable for discreet VIP or convoy protection. The antenna employs a separate antenna matching unit (AMU) to provide a small visual signature, easy assembly and support for high transmit powers. A coaxial cable (not included in the antenna product) with recommended cable type and length to connect the radiator to the AMU is offered as an accessory.



- Covert wideband antenna without drawing attention
- Tilting mechanism for roof or wing mount
- Removable radiator to allow car wash

Product details*	
Frequency range	30 - 175 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Monopole (ground plane required)
Radiation pattern	Omnidirectional
Gain	(See typical patterns on Page 2)
VSWR	≤ 3.5
Nominal Impedance	50 Ω
Power rating	100 W (RMS)
Standard color	Black
Radiator	Steel whip
Height	1320 mm (Above rooftop), Matching unit 85 mm
AMU size	140 x 70 x 58 mm
Weight	Antenna base 450 g, AMU 580 g

Installation*	
RF connection	Female N-type connector AMU: 2 x Female N-type connector
Mounting	Through Ø 19 mm hole in the vehicle's roof or wing

*Specific adjustments on request

Order number	
WB317XD	Antenna as described above
CAB-02-WBXD	0.9 m long Multiflex 141 coaxial cable with two N male connectors