

# Covert Wideband Antenna from 1.9 GHz to 4.2 GHz

## WB1942D

The W1942D is a wideband and compact antenna designed for vehicular environment operating on LTE bands from 1900 MHz to 4200 MHz. The antenna is designed for easy integration i.e. to roof rails and is therefore well suited for applications requiring discreet installation like electronic surveillance (ISR) and VIP-protection (ECM, C-IED).

- Designed for covert installations
- Excellent performance over the entire frequency range
- High power rating, 200W at 100% duty cycle



Product details*	
Frequency range	1900– 4200 MHz on a ground plane ( $\geq 1 \times 1 \text{ m}^2$ )
Polarization	Nominally vertical
Radiation pattern	Omnidirectional
Gain	Patterns available on request
VSWR	$\leq 3.0$
Nominal Impedance	50 $\Omega$
Power rating	200 W (RMS)
Standard color	Black
Radiator	Radome protected
Height	42 mm
Diameter	44 mm
Weight	70 g

Installation*	
RF connection	Female N-type
Mounting	4-hole M6 mount

\*Specific adjustments on request

Order number	NSN	Product
WB1942D	-	Antenna as described above