

Wideband UHF/SHF Vehicle Antenna

WB460M

The WB460M is a compact, light and low-profile vehicle antenna that is ideally suited for various applications within the 430 – 6000 MHz frequency range. The radiation performance is especially optimal for ground to air applications such as LINK-16.



- Ideal operation in the UHF / SHF bands up to 6 GHz
- Suitable for applications such as: 5G, LTE, LINK-16, Soldier Radio Waveform, WLAN & ISM 2.4 & 5 GHz, WiMAX

Product details*	
Frequency range	430 – 6000 MHz on a ground plane ($\geq 0.5 \times 0.5 \text{ m}^2$) 800 - 6000 MHz (without a ground plane)
Polarization	Nominally vertical
Radiation pattern	Omnidirectional (max. $\pm 1.5 \text{ dB}$ ripple)
Gain	Measured patterns on request
VSWR	≤ 3.0
Nominal Impedance	50 Ω
Power rating	100 W (RMS)
Standard color	Black
Radiator	Radome protected
Height	110 mm
Weight	0.4 kg

Installation*	
RF connection	Female N-type
Mounting	4-hole US and 3/6-hole NATO pattern mount

*Specific adjustments on request

Order number	Product
WB460M	Antenna as described above
WB460M-F8	Antenna as described above, color desert tan FS33446



In combination with a mounting accessory the antenna can be easily used for mast mounting and other fixed installations.