

Dual band VHF/UHF Magnetic Mount Antenna

WBC15830W

The WBC15830W is a low-profile dual band magnetic mount antenna supporting multiple applications. The antenna allows for a quick setup and removal of the antenna with a magnet mount base.

- Two antennas integrated into the same mechanics
- Ideal operation in the 130-500 and 790-2700 MHz frequency bands



Product details*	
Frequency range	130 – 500 MHz and 790-2700 MHz
Polarization	Linear, vertical
Radiation pattern	Omnidirectional
Gain	Measured patterns on request
VSWR	130 – 500 MHz ≤ 3.0 790 – 2700 MHz ≤ 3.0
Nominal Impedance	50 Ω
Power rating (CW)	25 W
Standard color	Black
Radiator	Radome protected (radome diameter Ø 29 mm, spring Ø 43 mm)
Footprint	Ø 130 mm
Height	Max. 850 mm
Weight	1.6 kg

Installation*	
RF connection	Female N-type
Mounting	Ø 88 mm magnet (vertical holding force typically 280 N when mounted on 0.8 mm steel sheet)
Surface protection	Rubber coating

*Specific adjustments on request

Order number	
WBC15830W	Antenna as described above

Safety Warning: Great care should be taken when handling strong magnetic products. Magnetic mounts may cause painful pinching injuries. When using a magnetically mounted device on a moving vehicle the device may lift off from the vehicle even at moderate speeds in case of collision. Therefore a secondary retention system should always be used to prevent unintentional detachment or loss of the device (the properly tightened feeder cable could possibly be used for this purpose). For maximum grip the surface of the vehicle and the bottom of the magnet should be dry and clean of dirt, snow and ice prior to attaching the device.