

Heavy Duty Navigation Antenna E1215W

The E1215W is a heavy-duty magnet mount vehicle antenna for applications where fast and robust temporary installation of antenna is required still providing optimal L1/L2 GPS signal reception.

- Rugged, low-profile antenna construction
- Built-in low noise amplifier to enable long cable connection to receiver
- High outer band attenuation with integrated filtering



Product details*	
Frequency band	L1 : 1575.42 MHz ± 12 MHz L2 : 1227.60 MHz ± 12 MHz
Polarization	RHC (Right Hand Circular)
Antenna type	Active ceramic patch antenna
Gain (typical)	L1 : 21 dB ± 1.5dB L2 : 20 dB ± 1.5dB
Noise Figure (typical)	L1 : 2.6 dB L2 : 3.0 dB
P _{out} 1dB gain Compression point (typical)	+2dBm (1575.42MHz) -2dBm (1226.7MHz)
Nominal Impedance	50 Ω
Outer Band Attenuation	100MHz~1180MHz 40dB 1280MHz~1520MHz 30dB 1620MHz~6000MHz 45dB
Power supply (fed through signal cable)	1.8 - 5.5 V (16 mA typical)
Standard color	Black
Height	130 mm
Diameter	140 mm
Weight	1.4 kg

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

*Specific adjustments on request

Order number	Product
E1215W	Antenna as described above