Magnetic antenna mount
MG512R

The MG512R is a magnetic antenna mount which is ideally suited for applications where a quick removal of the antenna may be needed or a permanent installation on a vehicle is not possible.

- To be used on all kind of magnetic surfaces

- Compact magnetic mount for easy-to-setup temporary installations

Product details*	
Frequency range	0 - 6000 MHz
VSWR	< 1.5
Insertion loss	< 0.5 dB
Power rating (RMS)*	0-1000 MHz: 200 W
	1000-2000 MHz: 150 W
	2000-4000 MHz: 100 W
	4000-6000 MHz: 80 W
Base material	Aluminium alloy
Standard color	Black
Footprint	Ø 88 mm
Surface protection	Rubber coating
Height (excluding connector)	70 mm
Weight	820 g

* VSWR of the attached antenna must be ≤ 3.5

Installation*	
RF connection	Antenna connector: Female N-type
	Feeder cable connector: Female N-type
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	NSN	Product
MG512R	5985-58-000-3177	Product as described above
SC1	-	Additional wire loop (Ø ~5 cm) attached to mount for safety tether connection

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.

V1.4w
Date 10.05.2021