

AM is a series of VHF & UHF vehicle whip antennas with compact magnetic mount. These antennas are effective for applications where a quick set and removal of the antenna is required or where a permanent installation is not possible. Antenna type is a vertical $\frac{1}{4} \lambda$ (VHF & UHF) or $\frac{5}{8} \lambda$ (UHF only) monopole that requires ground plane (vehicle roof or any metal surface) for effective operation.

Compact magnetic mount for easy-to-setup temporary installation is 95 mm OD and incorporates 83 mm magnet. Whip is made of 2 mm stainless steel. Bottom of the magnet mount is covered by rubber for preventing vehicle surface from scratching.

Antenna is supplied with 4,5 meter long RG58U coax 'tail'. Type of connector is to be specified by customer.

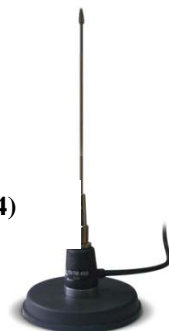
Each antenna is supplied with a whip ready for use at the lowest frequency. Tuning to desired frequency made by bottom of the whip cutting.



AM100 (1/4)



AM400 (5/8)



AM400 (1/4)



AM800 (5/8)

AM100 (1/4)

AM400 (1/4)

AM400 (5/8)

AM800 (5/8)

AM xxx (x/x)	Magnetic mount antenna band (100=VHF,400=UHF); monopole length (wavelength)	VHF $\frac{1}{4} \lambda$ Whip	UHF $\frac{1}{4} \lambda$ Whip	UHF $\frac{5}{8} \lambda$ Whip	800/900 MHz $\frac{5}{8} \lambda$ Whip
	Frequency range, MHz	136 – 174	400 – 470	400 – 470	825 – 895
	SWR (@ central frequency)	< 1,5	< 1,5	< 1,5	< 1,5
	Bandwidth @ SWR < 1,5	15	40	20	70
	Power rating, W	100	100	100	50
	Gain, dBd	0	0	3	3
	Coax line length, m	4,5	4,5	4,5	4,5
	Types of connectors	UHF, N, BNC	UHF, N, BNC	UHF, N, BNC	TNC, SMA
	Antenna height, mm	570	250	500	300
	Weight, kg	0,5	0,4	0,5	0,5