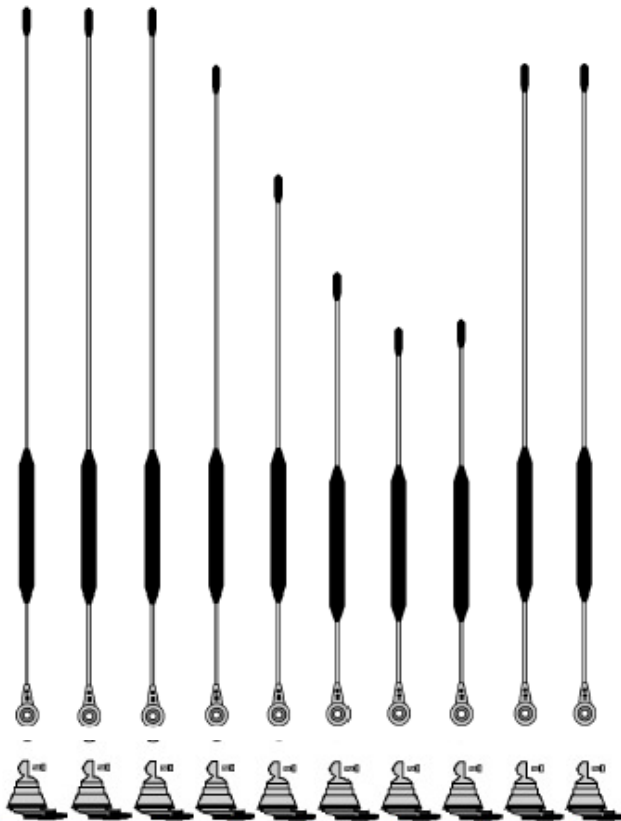


SMART-COMPACT RANGE OF MOBILE ANTENNAS (26 – 470 MHz.)



The SMART-COMPACT range of mobile antennas is designed to be more suitable to the modern motor vehicle of today. The loading coil is a very slim 10mm in diameter on a short whip. Materials used are of the same high quality as is the case in the normal Scorpion mobile range and will ensure a long life in the harsh African climate. The base is the same as used on the Scorpion range and offers the same advantages, i.e. two grub screws holding the whip and 5 Meters of high quality RG58 feeder cable.

Because of the size of the antennas most are only unity gain except in the UHF & 250MHz. bands where gain can be achieved with a short antenna.

SPECIFICATIONS	RF ORDER CODE	MA COMPACT 27	MA COMPACT 29	MA COMPACT 40	MA COMPACT 60	MA COMPACT 120	MA COMPACT 130	MA COMPACT 210	MA COMPACT 250	MA COMPACT 400	MA COMPACT 404	MA COMPACT 406 DB
FREQUENCY COVERAGE	IN MHz	26.8-28	29-31	36.5-40	62-68	110-136	136-174	248-280	248-280	390-470	390-470	144-145 420-430
BAND WIDTH	IN MHz	1	1	1	1	1	1	30	30	2	2	2 15
IMPEDANCE	IN OHMS	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω	50Ω
POWER	IN WATT	50	50	50	50	75	75	100	100	100	75	100
LENGTH	IN mm	1150	1340	1120	880	600	735	335	780	303	600	500
MOUNTING HOLE SIZE	IN mm	19-20	19-20	19-20	19-20	19-20	19-20	19-20	19-20	19-20	19-20	19-20
GAIN	IN dB	UNITY	UNITY	UNITY	UNITY	UNITY	UNITY	UNITY	3dB	UNITY	4dB	UNITY 3dB
VSWR	±1.5:1	±1.5:1	±1.5:1	±1.5:1	±1.5:1	±1.5:1	±1.5:1	±1.5:1	±1.5:1	±1.5:1	±1.5:1	±1.5:1
WHIP MATERIAL	SYSTEM	12-7PH	12-7PH	12-7PH	12-7PH	12-7PH	12-7PH	12-7PH	12-7PH	12-7PH	12-7PH	12-7PH
MOUNTING SPECIFICATION	IN DEGREES	0/90 180/360	0/90 180/360	0/90 180/360	0/90 180/360	0/90 180/360	0/90 180/360	0/90 180/360	0/90 180/360	0/90 180/360	0/90 180/360	0/90 180/360
FEEDER CABLE LENGTH	IN METERS	SMEI. RG58	SMEI. RG58	SMEI. RG58	SMEI. RG58	SMEI. RG58	SMEI. RG58	SMEI. RG58	SMEI. RG58	SMEI. RG58	SMEI. RG58	SMEI. RG58