

ANTENNAS



CAR AND TRUCK ANTENNAS



X-TURBO
CAMPER 27
C863



X-TURBO MINI
C864



X-TURBO 60
C871



X-TURBO 80
C872



ALAN PC 4
T739



ALAN PC 6
T736



ALAN PC 8
T701



ALAN S9 PLUS
T638



FUNK 90
T638.04



FUNK 130
T638.05



FUNK 150
T638.06



ML 145
T562.01



PICCO 70C
T638.12



PICCO 70S
T638.13



MINI
C593



SUPERMINI
C592

MAGNETIC CB ANTENNAS

Small antenna complete with lead and connector

High power antenna with magnetic base Ø 120 mm



MIDLAND 18-244M
T788



KIT 007
ML145 + BM 120 PL



LC29
C1018



LC59
C1019



LC65
C1020

VHF/UHF CAR AND TRUCK ANTENNAS



NW-2000
C623
F.O.W.*



NR-770R
C626
F.O.W.*



NR-770S
C625



AZ-504
C627



M-285
C631



M150-GSA
C632



VH 1
F092



VH 2
F093

VHF/UHF PORTABLE ANTENNAS



RH-707 FLEX
C635
Flex-Tilt



RH-701
C634
Flex



RH-771
C637
Flex



RH-775
C638
Telescopic



RH-777
C639
Flex-Tilt



RH-779
C640
Telescopic-Tilt



RH-519
C641
Super Flex



RH-536
C644
Super Flex



CH-32
C642



SRH-536
C646
Super Flex - SMA



SRH-701
C645
Super Flex-SMA

* F.O.W.: Reclining structure. The reclining style guarantees that the antenna can move extensively in all directions, enabling the convenient parking of the car in the garage without removing the antenna. Equipped with a safety block for safe driving.

CB BASE ANTENNAS



ENERGY NEW 1/2 T241.02



ENERGY NEW 5/8 T242.02



SKYLAB T233

The Skylab base is built from a single block to ensure maximum mechanical robustness and the best possible seal of connections. The 3 upper radials decrease static electricity loads on the antenna.

With anti-whistle cage

EQUIPPED WITH A SYSTEM TO PROTECT AGAINST WATER LEAKS

Energy New 1/2 and Energy New 5/8 are telescopic base antennas, ground plane at 1/2 - 5/8 lambda, operating on 27MHz, built in anti-corrosion aluminium. All elements are telescopic and facilitate installation.

VHF/UHF BASE ANTENNAS



X30 C614



X50 C615



F-22A C619

DCG: Antennas short-circuited to earth to protect your equipment from electrostatic charge in the event of a storm

HQJ: Built with high quality, hard-wearing joints

TECHNICAL SPECIFICATIONS

N.B.: Midland cannot advise on the gain of its antenna models, as this cannot be unambiguously defined. It varies according to various types of factors, such as installation position, length, system calibration, environmental conditions, etc.

ANTENNE CB AUTO E CAMION

	X-TURBO CAMPER27	X-TURBO MINI	X-TURBO 60	X-TURBO 80	ALAN PC 4/6/8	ALAN S9 PLUS
Operating frequency	26-28 MHz	26-28 MHz	26-28 MHz	26-28 MHz	25-30 MHz	25-30 MHz
Number of channels	120	60	200	200	150/240/130	200
Maximum applicable power	50 W	10 W	800 W (max 1500)	1000 W (max 1700)	400/600/800 W	300 W
R.O.S.min.in centre band	< 1.2	< 1.4	< 1.2	< 1.2	< 1.2	< 1.2
Length (cm)	114	31	160	180	115/160/163	155
Impedance (Ohm)	50	50	50	50	50	50
Weight (g)	430	260	670	690	450	390
Style material	Fibreglass	Steel	Steel	Steel	Steel	Steel
Antenna connection type	PL 259	-	3 pieces	3 pieces	3 pieces	DV
Hole diameter (mm)	16	10	10	10	10	12,5
Lead (m)	-	4	4	4	4	4

	FUNK 90/130/150	ML 145	PICCO 70C/70S	MINI	SUPERMINI
Operating frequency	26-28 MHz	26-28 MHz	26-28 MHz	26+28 MHz	26+28 MHz
Number of channels	-	90	-	40	40
Maximum applicable power	200/250/300 W	400 W	100 W	80 W	30 W
R.O.S.min.in centre band	< 1.2	< 1.2	< 1.2	1.2:1	1.2:1
Length (cm)	90/130/150	146	70	680	330
Impedance (Ohm)	50	50	50	50	50
Weight (g)	160/190/200	350	180	210	130
Style material	Steel	Steel	Steel	Stainless steel	Fibre
Antenna connection type	DV	PL	DV	3 pieces	3 pieces
Hole diameter (mm)	10	16	10	12,5	10
Lead (m)	-/4/4	-	4	4 with PL259	4 with PL259

MAGNETIC CB ANTENNAS

	X-TURBO MINI MAG	MIDLAND 18-244M	MINISTAR 27	KIT 007
Operating frequency	26-28 MHz	26.965-27.405 MHz	26-28 MHz	26-28 MHz
Number of channels	60	40	40	90
Maximum applicable power	10 W	100 W	10 W	400 W pep
R.O.S.min.in centre band	< 1.4	1:1,2	1:1,2	< 1.2
Length (cm)	31	66	35	146
Impedance (Ohm)	50	50	50	50
Weight (Kg)	0,5	0,5	0,3	1,6
Style material	Steel	Stainless steel	Stainless steel	Stainless steel
Attachment	Ø 65 mm	Magnetic base Ø 90 mm	Magnetic base Ø 29 mm	Magnetic base 120mm with PL
Lead (m)	4,5 with PL 259	2,75	3	2,9

	LC29	LC59	LC65
Operating frequency	26-28 MHz	26-28 MHz	26.965-27.405 MHz
Number of channels	40	40	40
Maximum applicable power	10/30 W (peak)	30/150 W (peak)	60/300 W (peak)
R.O.S.min.in centre band	≤ 1.2:1	≤ 1.2:1	≤ 1.2:1
Length (cm)	29	65	115
Impedance (Ohm)	50	50	50
Weight (Kg)	0,4	0,6	1
Style material	Stainless steel	Stainless steel	Stainless steel
Attachment	Magnetic base 68mm with PL	Magnetic base 78mm with PL	Magnetic base 120mm with PL
Lead (m)	4	4	4

VHF/UHF CAR AND TRUCK ANTENNAS

	NW-2000	NR-770R	NR-770S	AZ-504	M-285	M150-GSA
Frequency	144/430 MHz	144/430 MHz	144/430 MHz	144/430 MHz	138-174 MHz	138-174 MHz
Type	1/2λ(144 MHz) 2x5/8λ(430 MHz)	1/23λ(144 MHz) 2x5/8λ(430 MHz)	1/4λ(144 MHz) 1/2λ(430 MHz)	1/4λ(144 MHz) 1/2λ(430 MHz)	5/8λ	1/4λ
Power	200 W	200 W	100 W	50 W	200 W	200 W
Length(cm)	98	98	43	46	100	51
Connector type	PL	PL	PL	PL	PL	PL

VHF/UHF CAR AND TRUCK ANTENNAS

	VH 1	VH 2
Operating frequency	140:175MHz	140:175MHz
Max. power applicable	100W	100W
R.O.S. in centre band	1:1,2	1:1,2
Length (cm)	51	134
Impedance	50 Ohm	50 Ohm
Weight	300 g	450 g
Style material	Steel	Fibre
Connector type	PL259 (not supplied)	PL259 (not supplied)
Hole diameter	12 mm	12 mm
Lead	4m	4 m

VHF/UHF PORTABLE ANTENNAS

	RH-707 FLEX	RH-701	RH-771	RH-775	CH-32	SRH-536
Frequency	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430/900MHz	TX: 144/430 MHz
Type	1/4λ	1/4λ	1/4λ(144MHz) 1/2λ(430MHz)	1/4λ(144 MHz) 1/2λ(430 MHz)	1/4λ (144/430/900 MHz)	1/4λ(144 MHz) 1/2λ(430 MHz)
Band	120-150/300-450 MHz - 800-900 Mhz in RX only	120-150/300-450 MHz - 800-900 Mhz in RX only	120-150/300-450 MHz - 800-900 Mhz in RX only	120-150/300-450 MHz - 800-900 MHz in RX only		300/800 MHz 900 MHz in RX only
Length (cm)	21	21	40	14-41	4,5	37
Connector type	BNC	BNC	BNC	BNC	BNC	SMA

	RH-777	RH-779	RH-519	RH-536	SRH-701
Frequency	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz
Type	1/4λ	1/4λ (144 MHz) 1/2λ (430 MHz)	1/4λ - 2m/70cm	1/4λ (144 MHz) 1/2λ (430 MHz)	1/4λ
Band	120-150/300-450 MHz 800-900 Mhz in RX only	120-150/300-450 MHz 800-900 Mhz in RX only	120-150/300-450 MHz 800-900 MHz in RX only	120-150/300-450 MHz 800-900 MHz in RX only	120-150/300-450 MHz 800-900 Mhz in RX only
Length (cm)	40	14-41	20	36	21
Connector type	BNC	BNC	BNC	BNC	SMA

BASE CB ANTENNAS - BASE VHF/UHF ANTENNAS

	ENERGY NEW 1/2	ENERGY NEW 5/8	SKYLAB	X30	X50	F22
Operating frequency	25-29 MHz	25-29 MHz	26-28 MHz	144-430 MHz	144-430 MHz	144 MHz
Maximum applicable power	500 W PEP	500 W PEP	1000 W	150 W	200 W	200 W
Impedance	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm
Band R.O.S.	1.2:1	1.2:1	1.5:1	1.5:1	1.5:1	1.5:1
Length	5750 mm	6500 mm	5500 mm	1300 mm	1700 mm	3200 mm
Weight	2,1 Kg	2,5 Kg	2,3 Kg	0,8 Kg	0,9 Kg	1,3 Kg
Ø support pole	30-40 mm	30-40 mm	30-35 mm	30-35 mm	30-35 mm	30-35 mm
Connector	SO 239	SO 239	SO239	SO239	SO239	SO239
Styles	Aluminium	Aluminium	Aluminium	Fibreglass/steel	Fibreglass/steel	Fibreglass/steel

ACCESSORIES

BRACKETS - CABLES - CONNECTORS



GR-L C1047

Stainless steel mount. Size: 38x64x99mm



GR-XL C1048

Stainless steel mount. Size: 38x100x180mm



GR PLUS T786

Gutter mount. Enables the Gutter mount installation of any mobile antenna without piercing the bodywork



GR-F INOX T751

Gutter mount. In stainless steel for vehicle antennas, with fixing hole reducer



GR-S INOX T753

Gutter mount. In stainless steel with double inclination for vehicle antennas, with fixing hole reducer



GRONDA 27 T054

Gutter mount. Enables the Gutter mount installation of any mobile antenna without piercing the bodywork. The special rubber suction pad guarantees perfect adherence to the vehicle roof



SP-S INOX T752

Gutter mount. In stainless steel for vehicle antennas, with adjustable inclination and fixing hole reducer



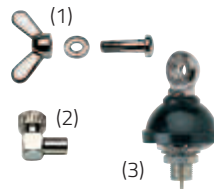
SP 21 T390

Mirror mount. Enables the installation of any mobile antenna on the rear view mirror, avoiding unsightly holes in the bodywork



DV 27 PL T599

Roof centre adapter DV/S0239



SC 27 T441 Specific screw (1)
LC 27/10-N T370.01 Connector (2)
FC 27 T478 Base for antennas (3)

Screws, connector for FC 27 and base for Midland antennas



RG58 T633

3-piece lead for PC series antennas and roof centre attachment. Lead type: RG58 - Length: 4m



Roof centre T301

Centre-roof mount for US antennas Lead type: RG58 - Length: 3,5 m



R 45/58-U T194

Connection lead for CB transceivers. Lead type: RG58 - Length: 45 cm



R 90/58-U T193

Connection lead for CB transceivers. Lead type: RG58 - Length: 90 cm



PL259/R T292.02



PL 259/RL T377

**SA 95 T211**

SO239 connection RCA plug

**UG 255 F076**

Connector for BNC/SO239

**PL 259 T205**

Connector for RG8/RG213 cable

COAXIAL LEADS**RG 58/U T199****RG 58/H G326**

Low loss, Impedance: 50 Ohm

**RG 58/I T199.03****RG 213 T571**

Impedance: 50 Ohm

**RG 58/U WHITE T200****213 U T571.01****RG 58/AUX T197**

Impedance: 50 Ohm

MAGNETIC BASES**BM 120 DV T057**

BM 120 DV is designed to withstand high speeds. Equipped with scratch-resistant magnet-covering cap. Supplied with universal DV 27 base, already installed.

**BM 120 PL T036****BM 140 PL-B T052.01**

Designed to withstand high speeds. Equipped with scratch-resistant magnet-covering cap. Supplied with attachment for PL, already installed.

**BMU 140 C889**

Suitable for PL, DV and roof centre attachment. Designed to withstand high speeds. Equipped with scratch-resistant magnet-covering cap.

	BM 120 DV	BM 120 PL	BM 140 PL-B	BMU 140
Frequency range	26-460 MHz	26-460 MHz	26-460 MHz	26-460 MHz
Max. speed	80/130 Km/h	80/130 Km/h	130/180 Km/h	130/180 Km/h
Base diameter	Ø: 120 mm	120 mm	140 mm	140 mm
Weight	750 gr	700 gr	1.450 gr	1.450 gr
Lead	3m	3m	3m	-