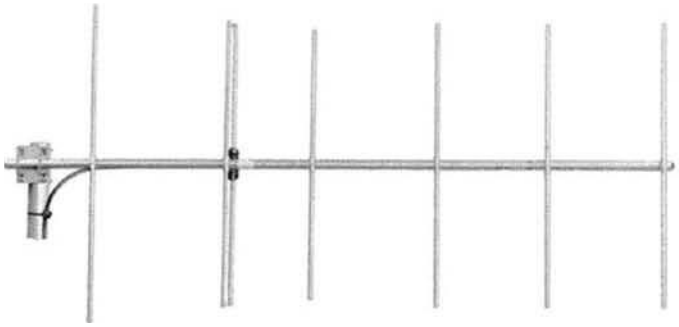
SIX ELEMENTS YAGI ANTENNA 164 ... 174 MHz

R-Y 610 NH

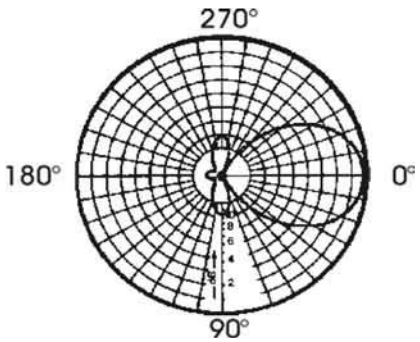
Light weight six elements yagi antenna.
All parts of the antenna are grounded.
With DC grounded lightning protection

MAIN CHARACTERISTICS

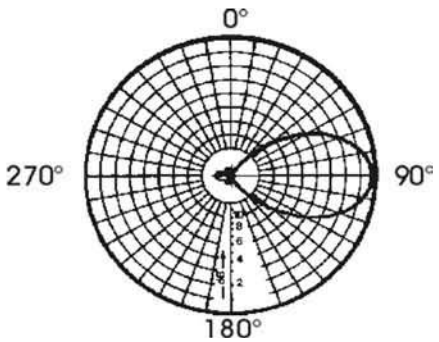
Frequency range	: 164 - 174 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.4
Beamwidth -3 dB	: 64° H-Plane - 52° E-Plane
Front to Back ratio	: > 19 dB
Maximum rated RF power	: 150 watt
Polarization	: Vertical or Horizontal
Gain	: 8 dBd
Type of connection	: N female
Mounting hole	: From 33 to 60 mm master tube
Boom material	: Aluminiun alloy DIN 3.2315
Elements material	: Aluminiun alloy DIN 3.2306
Wind resistance	: 160 km/h
Dimensions	: 880 x 1805 mm
Net weight	: abt. 3700 g
Working temperature	: From -35° to +80°



RADIATION PATTERNS

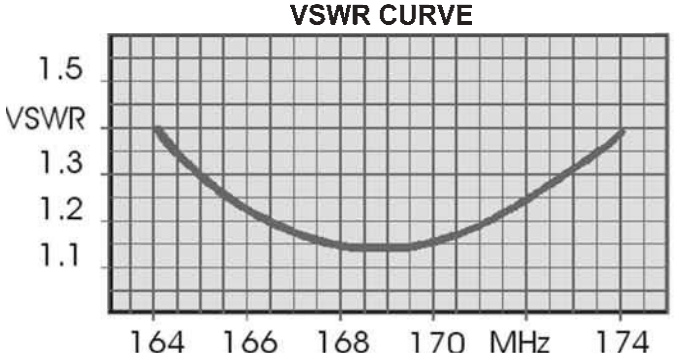


H - PLANE



E - PLANE

VSWR CURVE



OMNIDIRECTIONAL

LEANTENNE

VEHICULAR ANTENNA

R-V 330 XH

144 ... 174 MHz and 49 ... 88 MHz

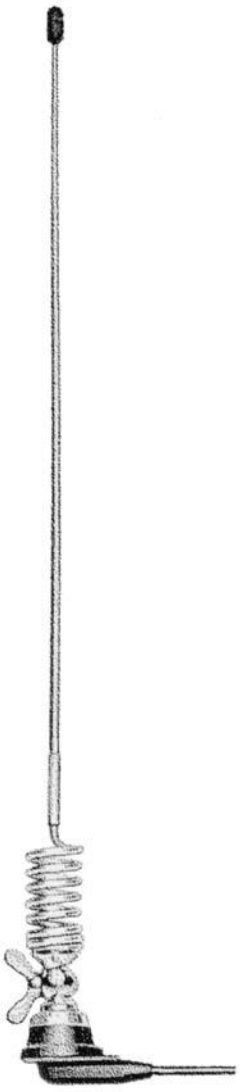
Fiberglass steel vehicular antenna.
Tuning by whip cutting.

MAIN CHARACTERISTICS

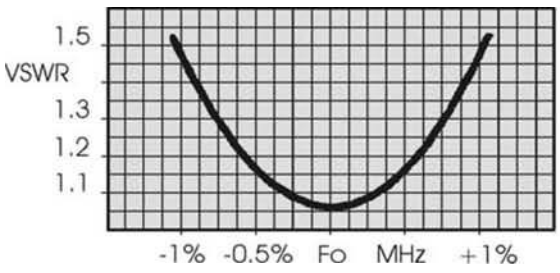
Frequency range	: 144 - 174 MHz
	: 49 - 88 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1.5:1
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 2 dBd (144 to 174 MHz)
	: 0 dBd (49 to 88 MHz)
Type of connection	: 4.5 m of M17/028-RGO58 coaxial cable
Whip material	: Fiberglass conical, black polyurethanic varnish
Mounting hole	: 24 mm
Net weight	: 560 g
Length	: 1350 mm
Working temperature	: From -35° to +80°

BASE CODE: : R-K 85.01

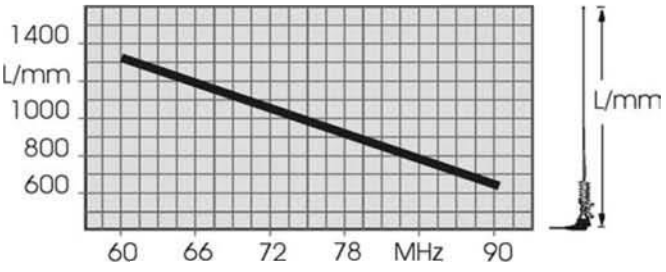
STEEL CODE : R-K 80.07



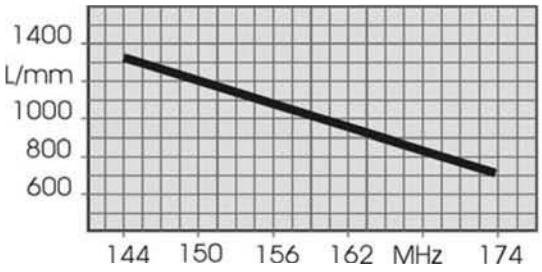
VSWR CURVE



CUTTING DIAGRAM



CUTTING DIAGRAM



LEANTENNE

MOBILE ANTENNA

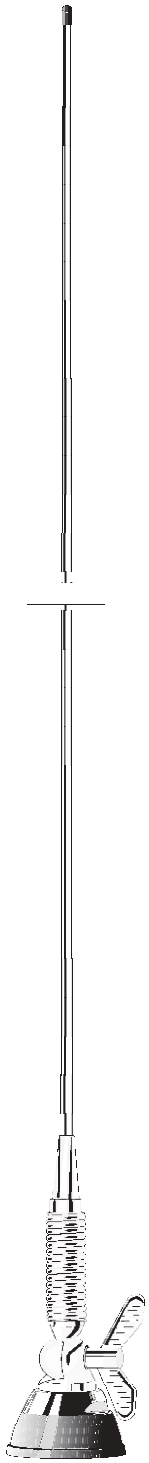
ML A 75C

66 … 88 MHz

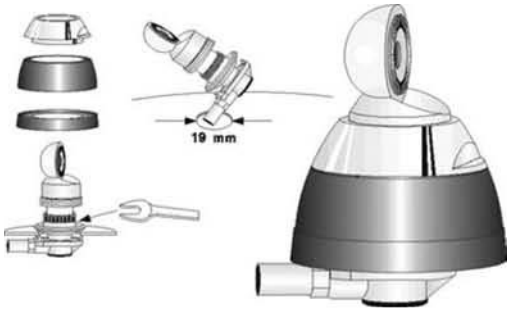
Conical inox steel whip, spring at base
Tuning by whip cutting

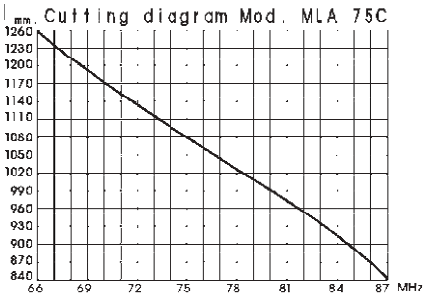
MAIN CHARACTERISTICS

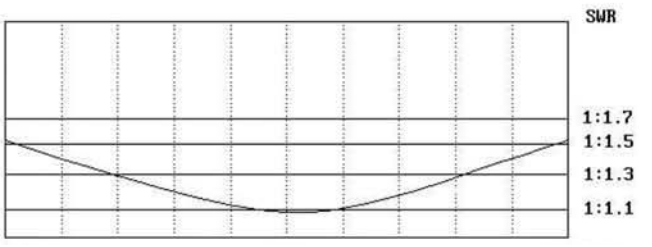
Type	: 1/4
Frequency range	: 66 - 88 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: 4.5 m of RG058 coaxial cable
Whip material	: Conical black inox steel
Spring material	: Inox steel
Mounting hole	: 19 mm
Base	: Waterproof "L" mount
Length	: 1260 mm



MOUNTING







Fo – 2 MHz Fo Fo + 2 MHz

Antenna Mod. MLA 75C

VHF MOBILE ANTENNA

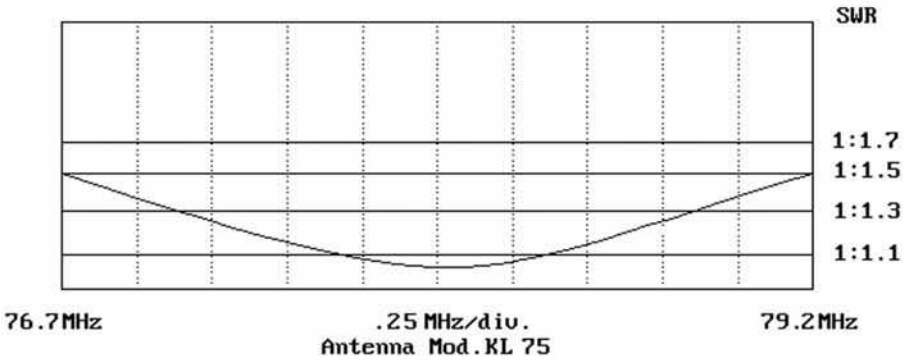
KL 75

76,7 … 79,2 MHz

Professional vehicular antenna

MAIN CHARACTERISTICS

Type	: 1/4
Frequency range	: 76,7 - 79,2 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Maximum rated RF power	: 200 watt
Polarization	: Vertical
Gain	: 0 dBd (2.13 dBi)
Type of connection	: TNC 90°
Whip material	: Fiberglass
Spring material	: Inox steel
Mounting hole	: 24 mm
Length	: 890 mm
Working temperature	: From -40° to + 60°
Wind resistance	: 180 Km/h



VHF - UHF MOBILE ANTENNA

KL DB

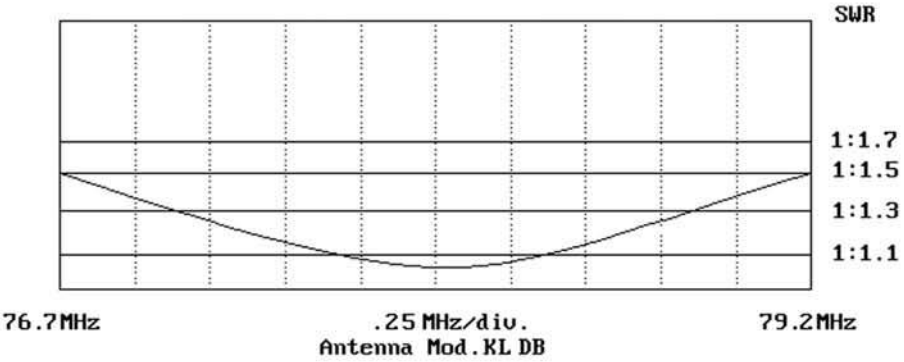
76,7 … 79,2 MHz and 430 … 445 MHz

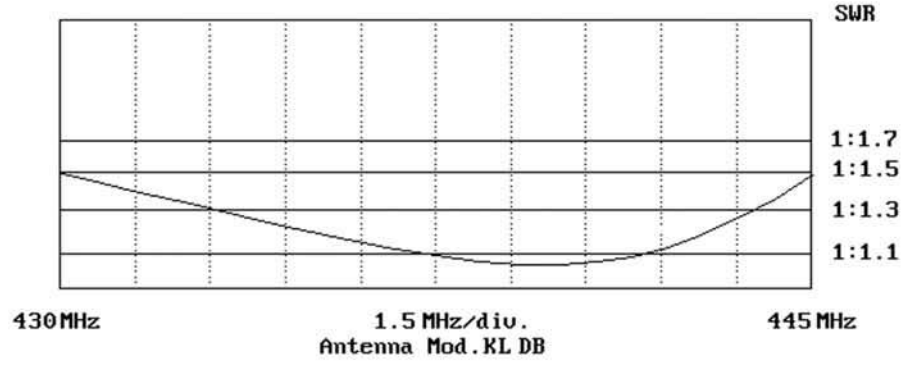
Professional dual band vehicular antenna

MAIN CHARACTERISTICS

Type	: 1/4
Frequency range	: 76,7 - 79,2 MHz
	: 430 - 445 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Maximum rated RF power	: 200 watt
Polarization	: Vertical
Gain	: 0 dBd (2.13 dBi)
Type of connection	: TNC 90°
Whip material	: Fiberglass
Spring material	: Inox steel
Mounting hole	: 24 mm
Length	: 890 mm
Working temperature	: From -40° to + 60°
Wind resistance	: 180 Km/h

DISPONIBILE
150-156/410-420 MHz
AVAILABLE
150-156/410-420 MHz





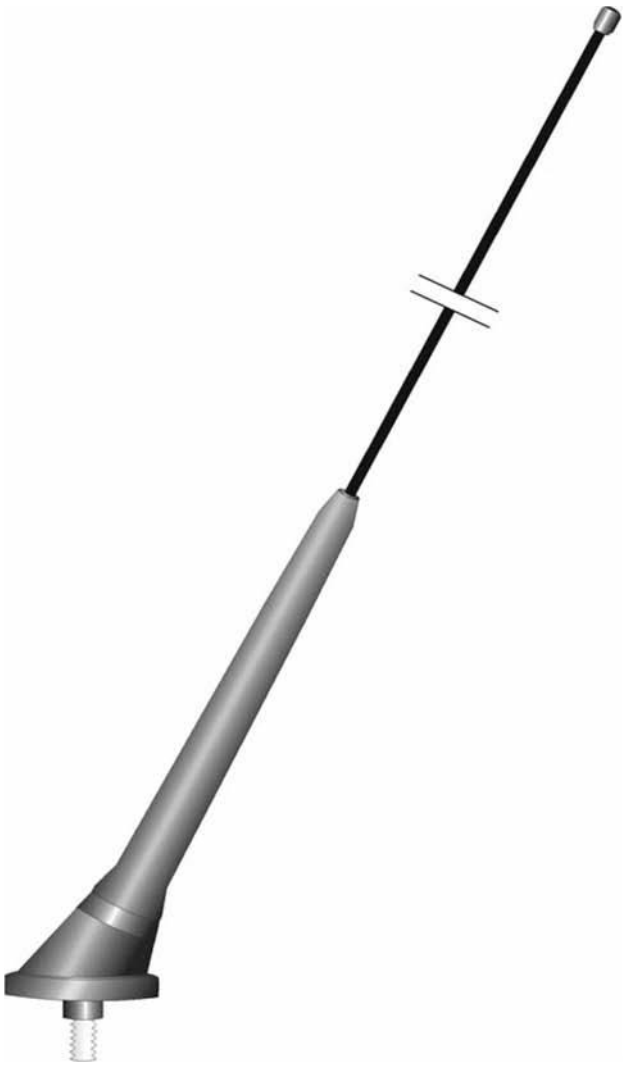
THREE BAND MOBILE ANTENNA
VHF - GSM - MW/FM RADIO

VBC 9

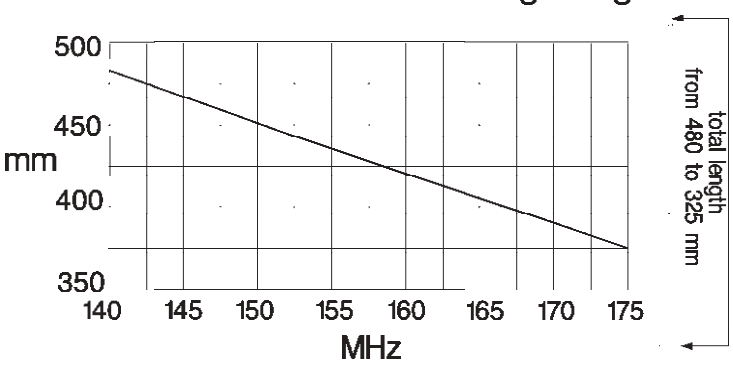
Three band steel whip to use with our triplexer mod. CR 3V
Tuning by cutting whip

MAIN CHARACTERISTICS

Type	: Steel whip
Frequency range	: 500 - 1600 KHz (MW)
	: 88 - 108 MHz (FM)
	: 140 - 175 MHz (VHF)
	: 870 - 960 MHz (GSM)
Input impedance	: 50 ohm
Maximum rated RF power	: 20 watt
Polarization	: Vertical
Type of connection	: 4.5 m of FME terminating
Length	: 540 mm



MULTIPLA VBC9 cutting diagram



MOBILE ANTENNA

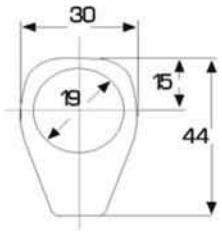
LT 4

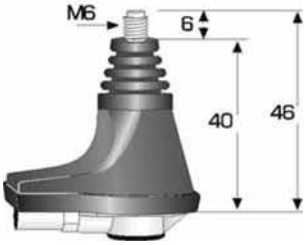
144 ... 174 MHz

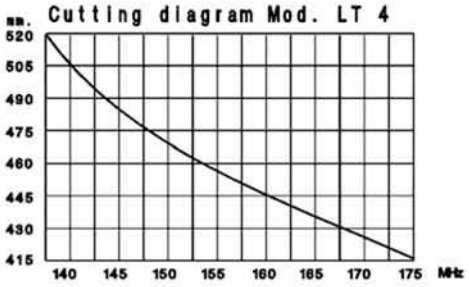
Mobile antenna, black inox steel whip.
Tuning by whip cutting.

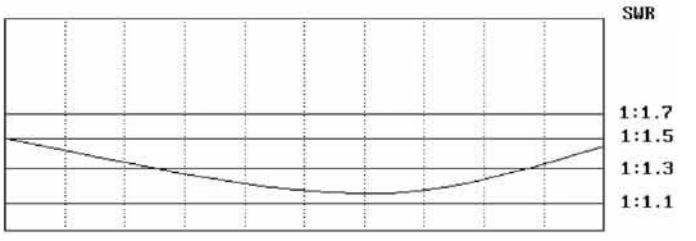
MAIN CHARACTERISTICS

Type	:	1/4
Frequency range	:	144 - 174 MHz
Input impedance	:	50 ohm
V.S.W.R.	:	< 1:1.5
Maximum rated RF power	:	100 watt
Polarization	:	Vertical
Gain	:	0 dBd
Type of connection	:	4.5 m of RG058 coaxial cable
Whip material	:	Black inox steel
Mounting hole	:	19 mm
Base	:	Waterproof "LT" mount
Length	:	540 mm









Fo – 4,5 MHz Fo Fo + 4,5 MHz

Antenna Mod. LT4

LEANTENNE

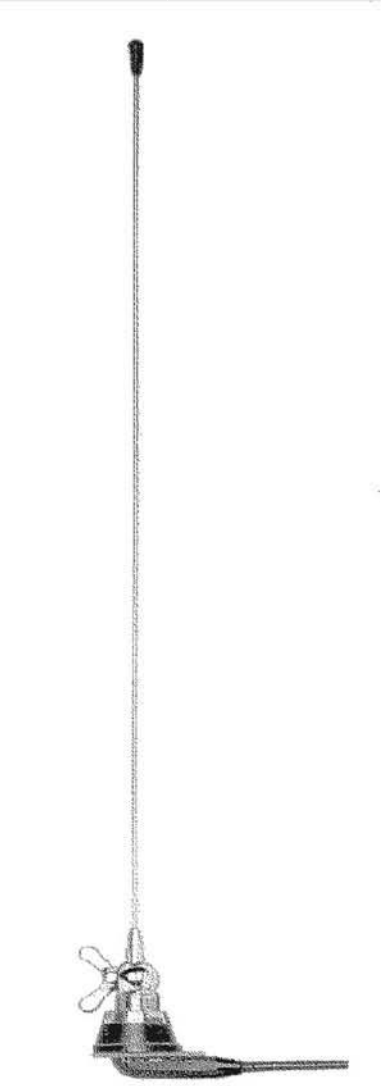
QUARTERWAVE VEHICULAR ANTENNA 144 ... 174 MHz

R-V 111 XH

Stainless steel vehicular antenna.
Tuning by whip cutting.

MAIN CHARACTERISTICS

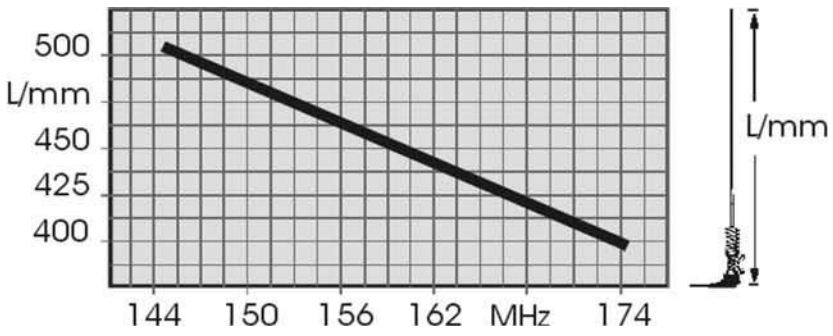
Frequency range	: 144 - 174 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1.5:1
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: 4.5 m of M17/028-RGO58 coaxial cable
Whip material	: 17/7 PH passivated - cylindrical
Mounting hole	: 24 mm
Net weight	: 350 g
Length	: 520 mm
Working temperature	: From -35° to +80°



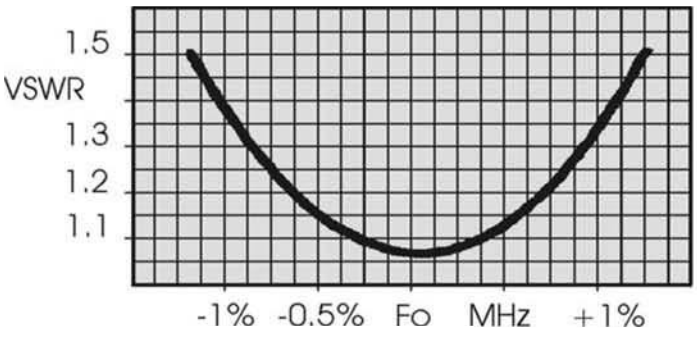
BASE CODE: : R-K 85.01

STEEL CODE : R-K 80.03

CUTTING DIAGRAM



VSWR CURVE



LEANTENNE

MOBILE ANTENNA

SL A 4

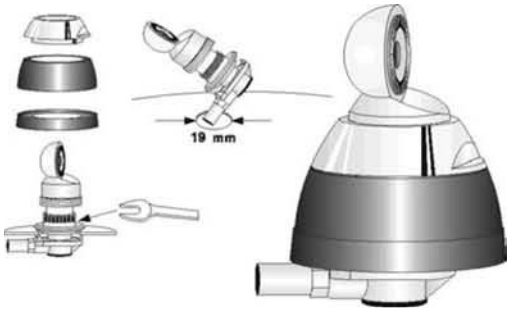
144 ... 174 MHz

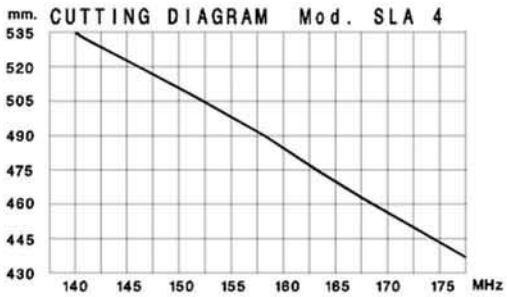
Fiberglass
inox steel whip.
Tuning by whip cutting

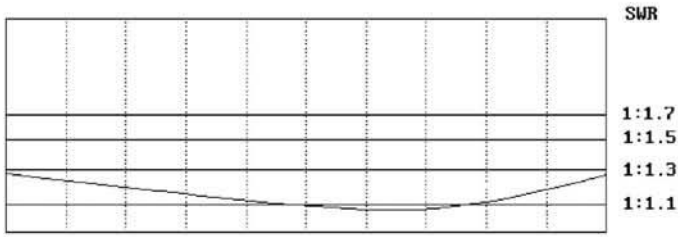
MAIN CHARACTERISTICS

Type	:	1/4
Frequency range	:	144 - 174 MHz
Input impedance	:	50 ohm
V.S.W.R.	:	< 1:1.5
Maximum rated RF power	:	100 watt
Polarization	:	Vertical
Gain	:	0 dBd
Type of connection	:	4.5 m of RG058 coaxial cable
Whip material	:	Inox steel
Mounting hole	:	19 mm
Base	:	Waterproof "L" mount
Length	:	535 mm

MOUNTING







Fo – 3,5 MHz Fo Fo + 4,5 MHz

Antenna Mod. SLA 4

LEANTENNE

MOBILE ANTENNA

SL A 4M

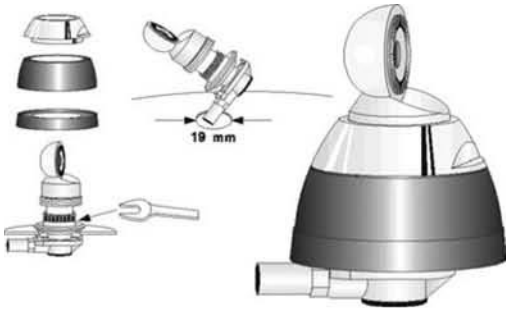
144 ... 174 MHz

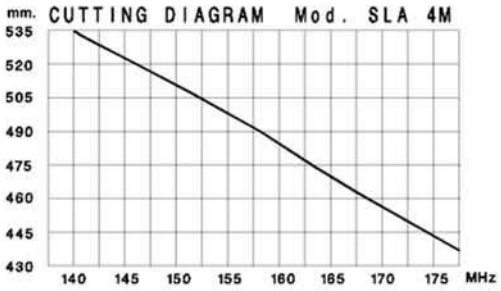
Inox steel whip, spring at base
Tuning by whip cutting

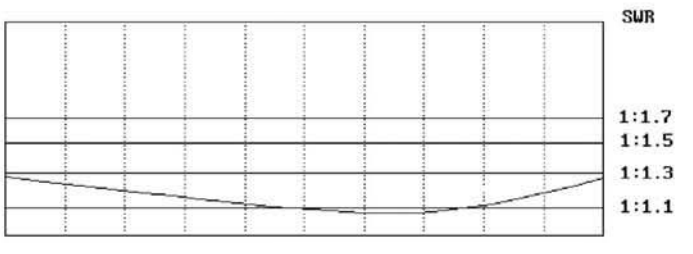
MAIN CHARACTERISTICS

Type	: 1/4
Frequency range	: 144 - 174 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 0 dBd
Type of connection	: 4.5 m of RG058 coaxial cable
Whip material	: Inox steel
Spring material	: Inox steel
Mounting hole	: 19 mm
Base	: Waterproof "L" mount
Length	: 535 mm

MOUNTING







Antenna Mod. SLA 4M

LEANTENNE

MOBILE ANTENNA

SL A 2C

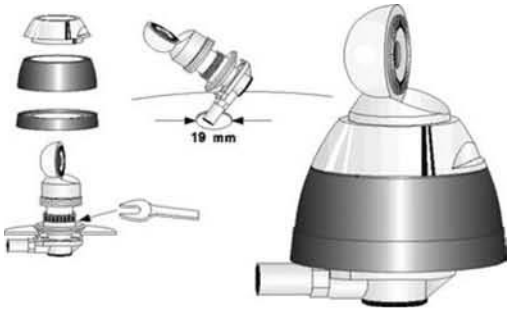
144 ... 174 MHz

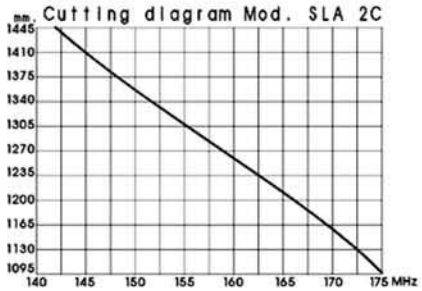
Conical inox steel whip, spring at base
Tuning by whip cutting

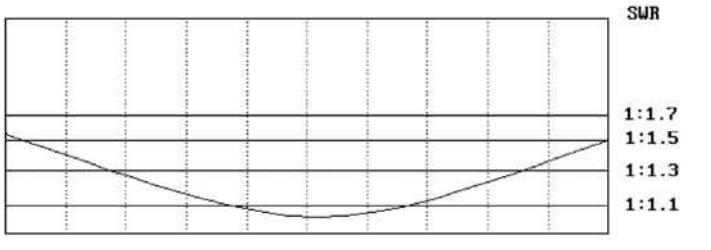
MAIN CHARACTERISTICS

Type	: 5/8
Frequency range	: 144 - 174 MHz
Input impedance	: 50 ohm
V.S.W.R.	: < 1:1.5
Maximum rated RF power	: 100 watt
Polarization	: Vertical
Gain	: 1.8 dBd
Type of connection	: 4.5 m of RG058 coaxial cable
Whip material	: Inox steel
Spring material	: Inox steel
Mounting hole	: 19 mm
Base	: Waterproof "L" mount
Length	: 1425 mm

MOUNTING







Antenna Mod. SLA 2C