



MOBILE / UHF / 1/4

Mobile Antenna Mono-band

Unity-gain, Omnidirectional

Tunable by whip cutting diagram

Factory tunable according to specific customer's frequency

180° adjustable whip

CODE12.805-X-X-XXX

Antenna model	_____
Whip material	_____
Connection	_____
Frequency (if you need not tuned antenna require the lowest frequency)	_____

MECHANICAL FEATURES

Height.....	180 mm
Weight.....	200 g
Bottom diameter.....	40 mm
Mounting Hole.....	19 mm dia.
Whip Materials.....	Stainless Steel 17/7 pH (option 1)
.....	Fiberglass grey colour (option 2)
.....	other fiberglass colour on require
Base.....	Chrome brass
Chrome specific.....	20µm copper, 20µm nickel, 5µm chrome
Working temperature.....	-35°C to +80°C

Temperature, salt, ice, sun irradiation resistance in accordance with MIL-STD 810E

Vibration resistance in accordance with MIL-STD 167-1

Shock resistance in accordance with MIL-STD 810E

ELECTRICAL FEATURES

Type.....	1/4 λ, Mobile Antenna
Frequency range:.....	tunable from 400-470 Mhz
Impedance:.....	50 Ω unbalanced
Radiation (H-Plane).....	360° omnidirectional
Polarization.....	Vertical
Gain.....	0 dB ref. to a 1/4 whip
Bandwidth at V.S.W.R.2:1:.....	6,5 MHz at 400 MHz
V.S.W.R. at res. freq.:.....	≤ 1.4
Max Power:.....	100 Watts
Connection.....	5 mt Coax cable RG-58 (option 1)
.....	TNC "L" connector (option 2)

