

### Features

- 30 - 88 MHz
- No adjustments required
- Permanent mounting on base stations
- Fixed ground plane radials
- Clamped to support by supplied U-bolts
- High radiating efficiency

### Electrical specifications

Frequency range	30 - 88 MHz
VSWR	see diagram, overleaf
Nominal Impedance	50 ohm
Power rating	100 W cw
Gain	see diagram, overleaf
Radiation diagram (Pattern)	Azimuth: Omnidirectional Elevation: See overleaf
Polarization	Vertical
Connector	N or customer specified

### Mechanical specifications

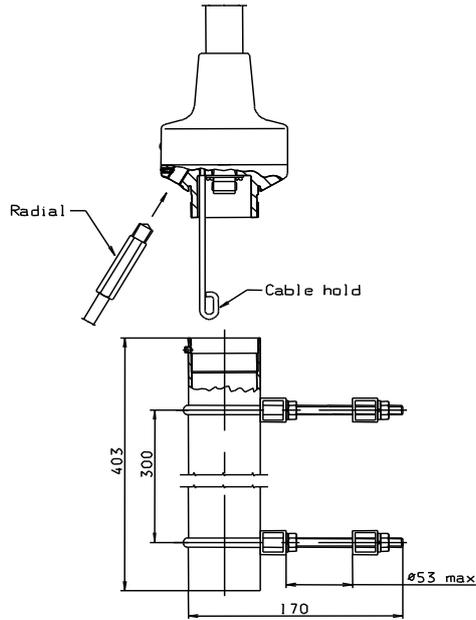
Design	Radiating elements completely enclosed in epoxy/fibreglass laminate. Metal parts are brass and stainless steel.
Length, mounted	4.7 m
Weight	4.0 kg,
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, olive drab.
Temperature range	-55 °C, +55 °C; -67 °F, +131 °F

### Mounting

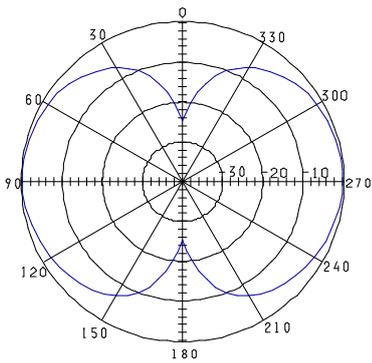
For permanent mounting on base stations. Ground plane radials are fixed during installation. U-bolts allow the antenna to be mounted onto a support tube up to diameter 57mm.

Available with lightning protection.

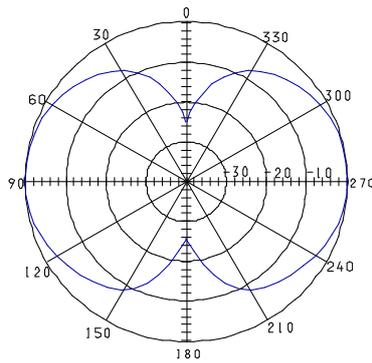
## Mounting



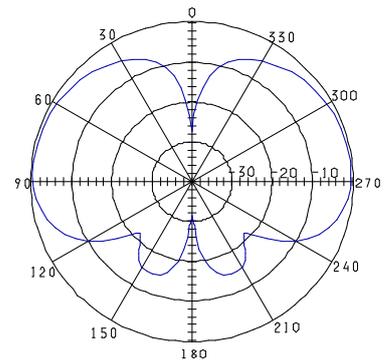
## Radiation Diagram, Elevation



30MHz

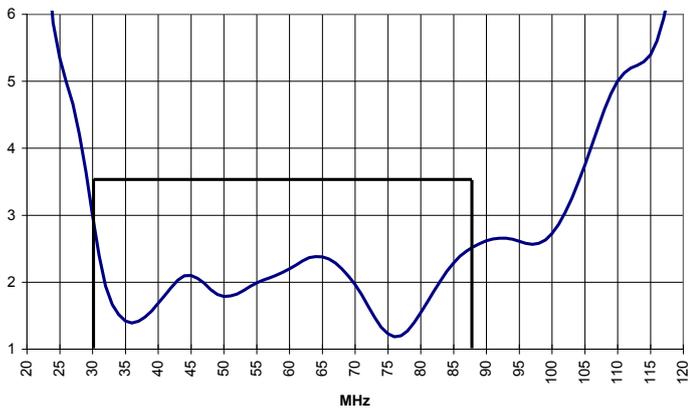


60MHz



88MHz

## VSWR



## GAIN, relative dipole

