

# TETRA

## LOW PROFILE TETRA WIDE BAND ANTENNA

**Our TETRA low profile antenna** is built to the TETRA - European Telecommunications Standards for use in the European mobile radio markets.

Tuned at the factory, it offers a wide band range of 380MHz to 430MHz and requires no additional tuning after installation.

The inconspicuous low profile design is less prone to vandalism and can easily withstand natural elements. The antenna base features a v-ring gasket which will conform to most surfaces, eliminating dirt and moisture from entering under the antenna.

**RoHS Compliant.**

**Also available in a combination TETRA/GPS antenna.**



Our TETRA ANTENNAS mount with either a standard permanent mount threaded lug or with an NMO mount design.

Fixed Mount TETRA

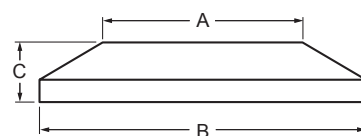


NMO Mount TETRA



# TETRA TECHNICAL SPECIFICATIONS

ANTENNA MODEL	DESCRIPTION	FREQUENCY	DIMENSIONS		
			A	B	C
AP3800	TETRA	380-430 MHz	140mm	178mm	45mm
AP3800/GPS	TETRA/GPS	380-430 MHz	140mm	178mm	45mm



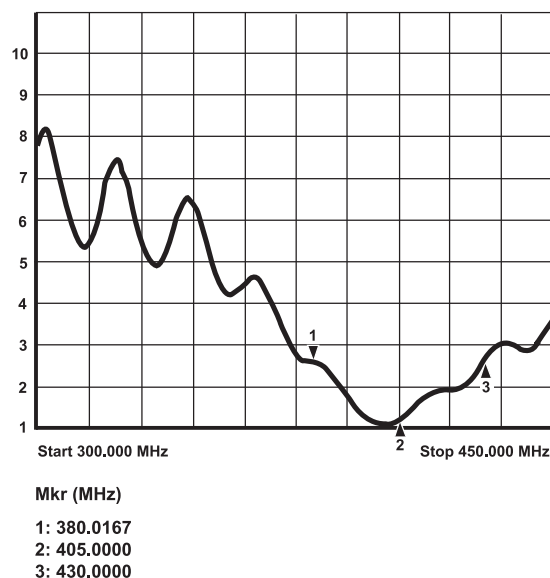
## Electrical Specifications:

VSWR at resonant point	See Graph
Nominal Impedance	50 Ohms
Gain	3 dBi
Radiation Pattern	Omni Directional
Polarization	Vertical
Maximum Power Input	125 watts

## GPS Performance:

Amplifier Voltage 3.3-5 VDC

(Antenna element & LNA)	
Center Frequency	1575.42 MHz
Gain	30 dBmin.
Polarization	R.H.C.P. (Right Hand Circular Polarization)
Noise Figure	2.0 max.
Axial Ratio	3dB max.
Bandwidth	2 MHz min.
VSWR	2.0 max.
Output Impedance	50 Ohms



## International Sales Locations

### Italy

Giuseppe Fabiano  
Medeos srl, Via Volta 22  
20094 Corsico Milano  
Fax +39 02 4586.4149  
Tel +39 02 4586.2160  
Cel +39 335 8191527  
e-mail giuseppe.fabiano@medeos.it  
Skype giuseppe.fabiano  
www.medeos.it

### United Kingdom

TCE  
Electron House, Hemnall Street  
Epping, Essex  
01992 578231  
sales@tceltd.co.uk

### France

R.B. COM  
Claude Boucher  
5 Rue De La Taye, 28110 Luce  
France  
33237908007  
rbcomclaud@wanadoo.fr

### Australia

Technisyst Pty Ltd.  
Level 4, 175 Eagle Street  
Brisbane, QLD 4000  
Australia, 61732293150  
andrea@technisyst.com.au

### Netherlands, Luxemburg and Belgium

Nautikaris b.v.  
Broekbergenlaan 48  
2071 EW Santpoort-Noord  
The Netherlands  
+31235389502  
rob@nautikaris.com

### New Zealand

Technisyst NZ Pty Ltd  
Level 20 ASB Bank Centre  
135 Albert Street, Auckland, New Zealand  
64 9 359 7440  
mmorar@technisyst.com.au

### Spain & Portugal

Spantech S.A.  
Alozaina 137, Pinos  
29130 Alhaurin de la Torre  
Malaga, Spain  
Tel: +34 95 241 7024  
www.spantech.es  
sales@spantech.es

### Germany

TACTRON ELEKTRONIK  
Schmidt-Fürst oHG  
Bunsenstrasse 5 \*  
D-82152 Martinsried  
Tel ++49 (0)89 895 5690  
Fax ++49 (0)89 857 7605  
e-mail info@tactron.de  
www.tactron.de

### Finland, Russia, Ukraine & Baltic's

Lassi Kuosmanen  
LKC Oy  
+358 400 460 646  
e-mail lassi.k@kolumbus.fi  
mail address:  
Kylpyläntie 15 B as 1, 02700  
Kauniainen, Finland  
visit address: Innopoli,  
Tekniikantie 12,  
02150 Espoo, Finland

YE International Distributors  
Yleiselektronikka Oyj  
P.O.Box 73 (Luomannotko 6)  
FI-02201 Espoo  
Telephone: +358-9-45262203  
Fax: +358-9-45262251  
www.yeint.fi