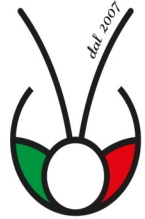


<b>ANT S.r.l.</b> Via della Concordia, 4 – 37036 S. Martino B/A (VR) - Italia Tel. +39 045 8781380 Fax +39 045 8795335 e-mail: <a href="mailto:commerciale@antsrl.eu">commerciale@antsrl.eu</a> <a href="http://www.antsrl.eu">www.antsrl.eu</a>	<b>DESCRIPTION</b>	
	<b>380-470 MHz TETRA antenna BREVA</b> Omnidirectional vehicular antenna, with swivel (geometry $\lambda/4 - 1/4$ wave). and 5 m RG58 cable with SMA plug connection.	

## Breva 380-470-Tetra

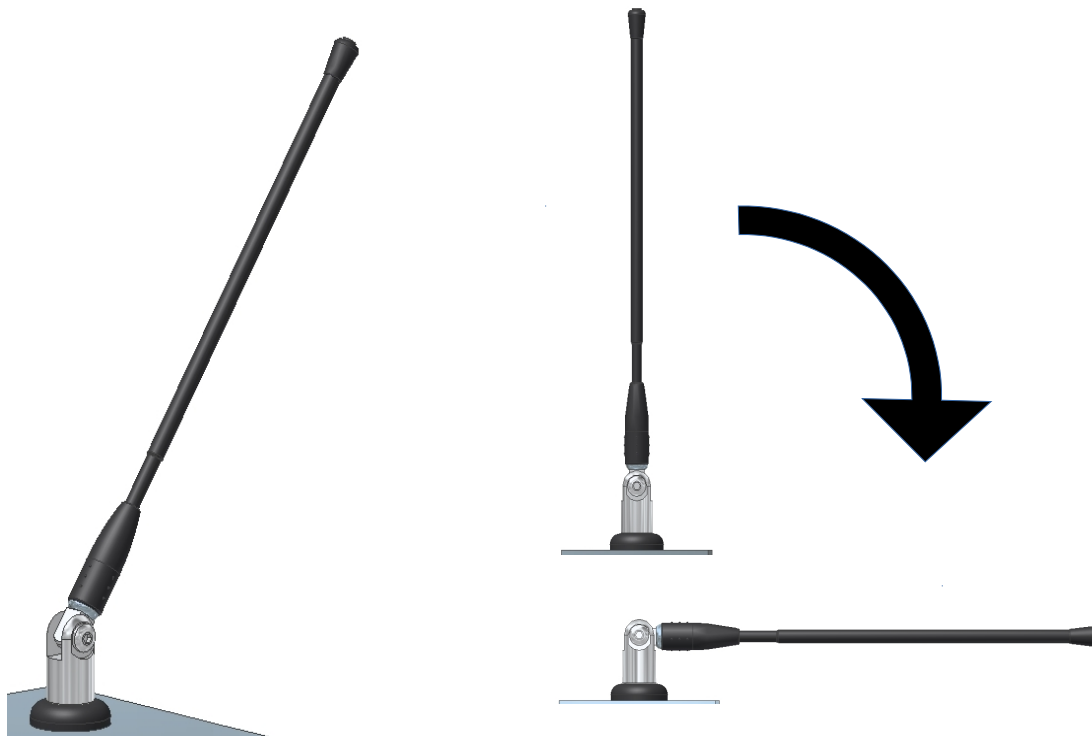
**P/N: E01-004**

### ELECTRICAL DATA

Frequency range (V.S.W.R. < 2 : 1)	380-470 MHz (tested on a 1x1 m ground plane)
Impedance:	50 $\Omega$
V.S.W.R.:	<2 : 1
Max power:	15 W
Polarisation:	Linear
Radiation:	Omnidirectional
Gain:	about 2.1 dBi

### MECHANICAL DATA

Dimensions (about):	$\varnothing 22 \times 175$ mm
Connection:	SMA plug (other on request)
Cable:	RG58 5 m (other on request)
Operating temperature range:	-40° / +80°C
Weight:	0.290 kg
Radome material:	Thermoplastic elastomer
Radiating element material:	Steel, brass



**Protection against oxidation:** the antenna is designed to be able to withstand the worst climatic conditions and so that the oxidation of its parts is prevented.

**RoHS directive (2002-95-CE):** The antenna is RoHS compliant.

#### MOUNTING INSTRUCTIONS:

Please mount the antenna by placing its foot in  $\varnothing 10$  mm hole in the metal sheet.

#### WARNING:

For a correct installation please mount the antenna so that the whip is perpendicular to and possibly in the middle of the ground plane.

To achieve the stated performances the antenna requires a proper ground plane.

## ANT S.r.l.

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S. Martino B/A (VR) - Italia  
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e-mail: [commerciale@antsrl.eu](mailto:commerciale@antsrl.eu)  
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## DESCRIPTION

**380-470 MHz TETRA antenna BREVA**  
Omnidirectional vehicular antenna,  
with swivel (geometry  $\lambda/4 - 1/4$  wave).  
and 5 m RG58 cable with SMA plug connection.



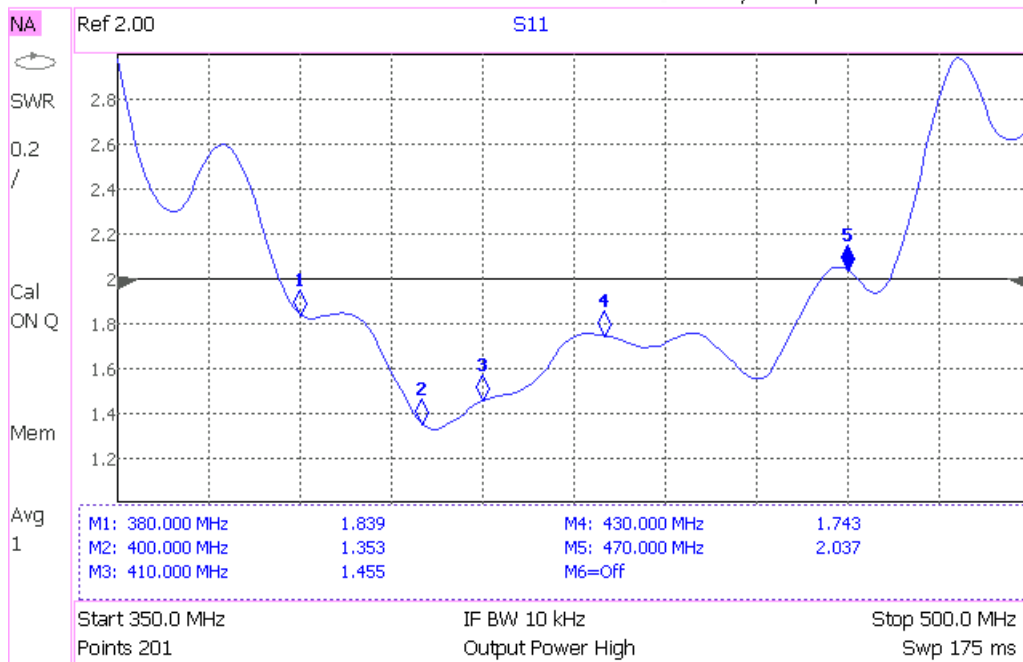
**Breva 380-470-Tetra**

**P/N: E01-004**

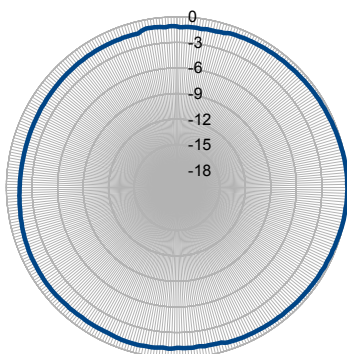
## V.S.W.R.

Agilent Technologies

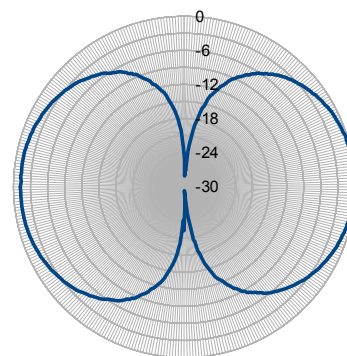
Mon, 16 Sep 2013 11:26:08 AM



## Radiating Pattern



430 MHz H-plane



430 MHz E-plane