

## Dual Band Body Antenna for TETRA Band

### DESCRIPTION

- Radio Communication for the 400 MHz Band and GPS-reception in one antenna.
- Highly flexible covert coax antenna with black sleeving.
- Reduced  $\frac{1}{2}$   $\lambda$  skirt dipole antenna.
- Covert flexible body antenna, supporting free movement.
- Highest quality materials in an elegant design.

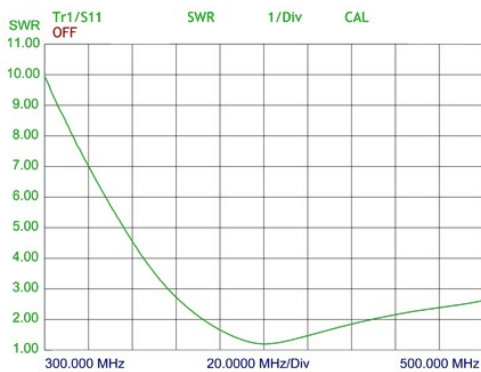
### SPECIFICATIONS

Electrical	
Model	BA 450/GPS
Frequency	400 MHz : 380 - 490 MHz covered by three models GPS : 1575 MHz
Antenna Type	$\frac{1}{2}$ $\lambda$ antenna
Max. Input Power	25 W
Polarisation	Vertical
Impedance	50 $\Omega$
Gain	400 MHz : 0 dBi (-5 dBi mounted on the body)
VSWR	400 MHz : < 2.5 :1 when mounted in coat collar
Bandwidth	400 MHz : $\geq$ 50 MHz @ VSWR $\leq$ 2.5:1
Mechanical	
Connection(s)	SMA(m) or SMA(f)
Materials	Coax cable with black sleeving
Colour	Black
Height	Approx. 550 mm / 21.65 in.
Weight	Approx. 0.018 kg / 0.04 lb.
Mounting	Attached to clothing with one safety pins

### ORDERING

Model	Product No.
BA 450/GPS/380-430	140000608
BA 450/GPS/425-475	140000613
BA 450/GPS/440-490	140000607

### TYPICAL VSWR CURVE



MOUNTED ON THE BODY



3D GAIN PLOT \*



\* When antenna is mounted in front of chest.