

Product Information: Rev 1B, Issue Mar 2010, Revised Feb 2011

**PA094VT is outdoor type directional panel antenna with incredibly high gain.**

### KEY FEATURES

- Multi-band input
- High gain
- Compact and reliable
- Outdoor type enclosure
- Commonly used 50Ω impedance
- Mast or wall mounting



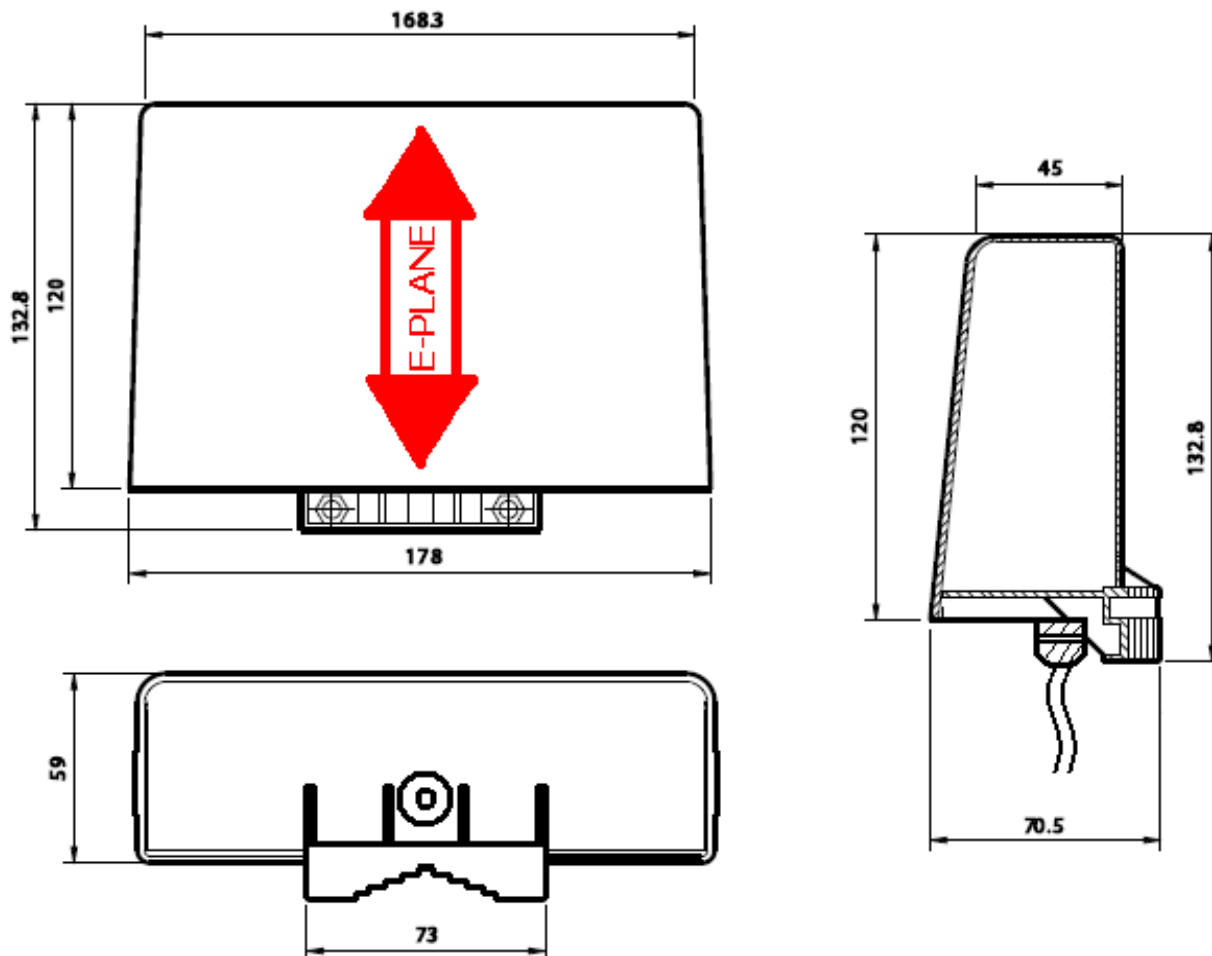
### APPLICATION AREAS

- E-GSM900
- DCS1800
- UMTS2100
- RFID



### TECHNICAL SPECIFICATIONS

Parameter	Specification
Type	Outdoor directional panel antenna
Frequency range	880-960 MHz & 1710-2170 MHz
Gain:	
@ 900MHz	8 dBi
@ 1800MHz	10 dBi
@ 2100MHz	11 dBi
Beam width (3dB, H-plane):	
@ 900MHz	60°/90°
@ 1800MHz	40°/90°
@ 2100MHz	35°/90°
VSWR	2:1 typical
Polarization	Linear, vertical (See figure below)
Input impedance	50Ω
Enclosure type	Outdoor, wall or mast mounting (mast mounting clamps included; mast pipe diameter: max 50mm)
Dimensions	See figure below
Color	Grey
Weight	365g



### ORDERING INFORMATION \*

Model	Description
PA094VT-50N	Antenna with cable length 0.5m and RF connector 50Ω N-type female
PA094VT-50FME-7m	Antenna with cable length 7.0m and RF connector 50Ω FME female
PA094VT-50SMA	Antenna with cable length 0.5m and RF connector 50Ω SMA male
PA094VT-50SMA-5m	Antenna with cable length 5.0m and RF connector 50Ω SMA male
PA094VT-XX-XX	<i>Other PA094VT options are available on special order</i>

\* Ask Rantelon for other parameters.

Rantelon reserves the right to change the specification.