

Product Information: Rev 1A, Issue Aug 2013, Revised Aug 2013

PA0827V-4X is outdoor/indoor type directional panel antenna. PA0827V-4X has -45°/+45° polarization in both frequency ranges 790-960MHz and 1700-2700MHz.

KEY FEATURES

- Very wideband
- MIMO support
- High gain
- Compact and reliable
- Outdoor type enclosure
- Commonly used 50Ω impedance
- Mast or wall mounting

APPLICATION AREAS

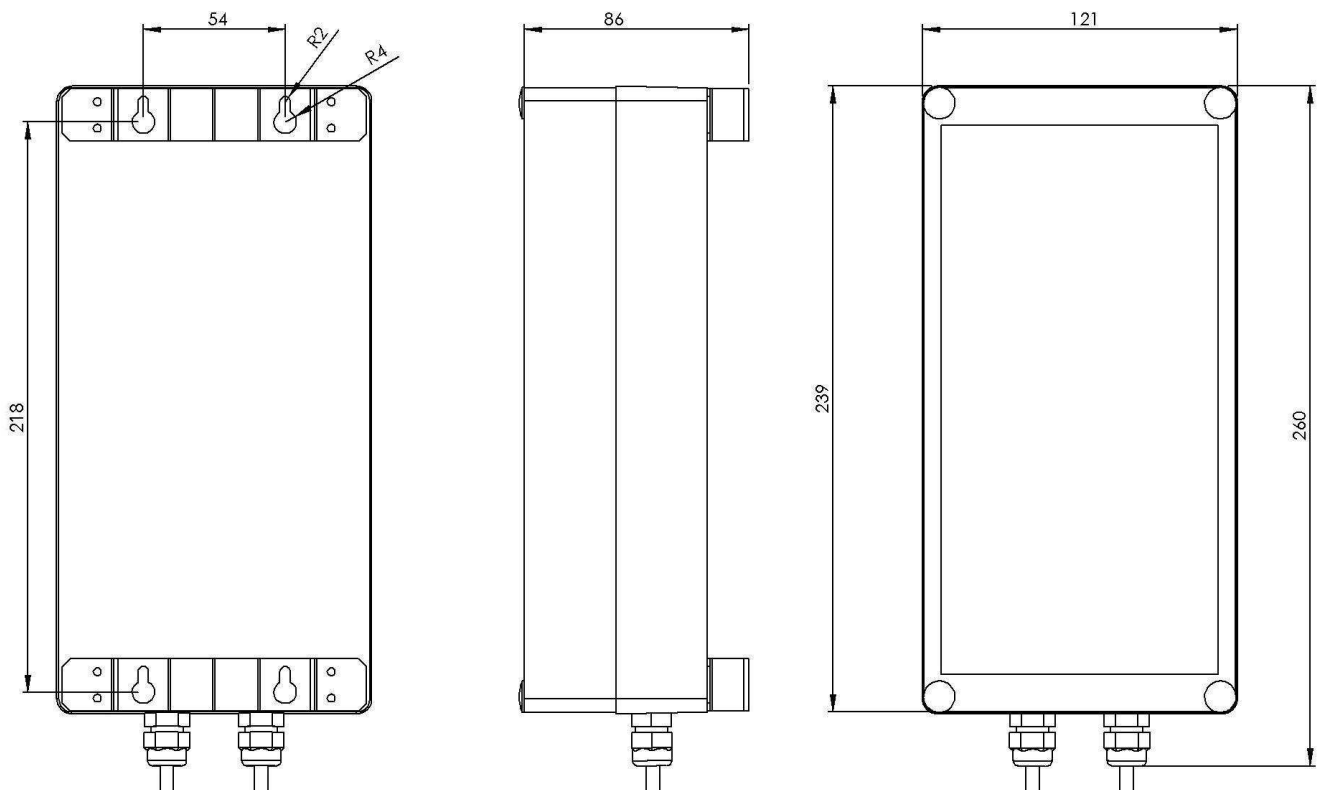
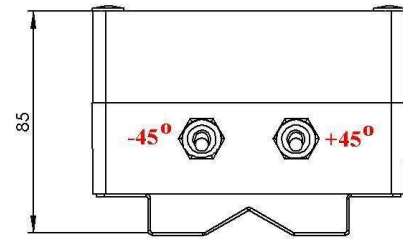
- LTE800, LTE1800 and LTE2700
- UMTS2100
- EGSM900
- DCS1800
- WLAN2400



TECHNICAL SPECIFICATIONS

Parameter	Specification
Type	Outdoor directional panel antenna with built-in frequency combiner
Frequency range	790-960MHz and 1700-2700 MHz
Gain:	@900MHz @2100MHz 2 antennas x 6dBi 2 antennas x 6dBi
Beam width (3dB, H-plane)	90°/70°
VSWR:	@900MHz @2100MHz 2.0:1 typical 1.7:1 typical
Polarization:	@900MHz @2100MHz vertical -45°/+45° (See figure below)
Element isolation	20dB
Element correlation	<0.15
Input and Impedance	2 inputs x 50Ω (See ordering information below)
Enclosure type	Outdoor, wall or mast mounting (mast mounting plastic ties included; mast pipe diameter: max 50mm)
Dimensions	See figure below
Color/Weight	Grey/450g min. (depends on length of cables)

NB! Mounting instruction:
cable side looks down.



ORDERING INFORMATION *

Model	Description
PA0827V-4X-50N	Antenna with length of cables 0.5m and RF connectors 50Ω N-type female
PA0827V-4X-50FME-7m	Antenna with length of cables 7.0m and RF connectors 50Ω FME female
PA0827V-4X-50SMA	Antenna with length of cables 0.5m and RF connectors 50Ω SMA male
PA0827V-4X-50SMA-5m	Antenna with length of cables 5.0m and RF connectors 50Ω SMA male
PA0827V-4X-XX-XX	<i>Other PA0827V-4X options are available on special order</i>

* Ask Rantelon for other parameters.

Rantelon reserves the right to change the specification without notice.