

Product Information: Rev 1A, Issue Jun 2015, Revised Jun 2015

SIRJE-0727 is outdoor/indoor type directional panel antenna. SIRJE-0727 has vertical polarization in frequency range 698-960MHz and 1700-2700MHz.

KEY FEATURES

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

APPLICATION AREAS

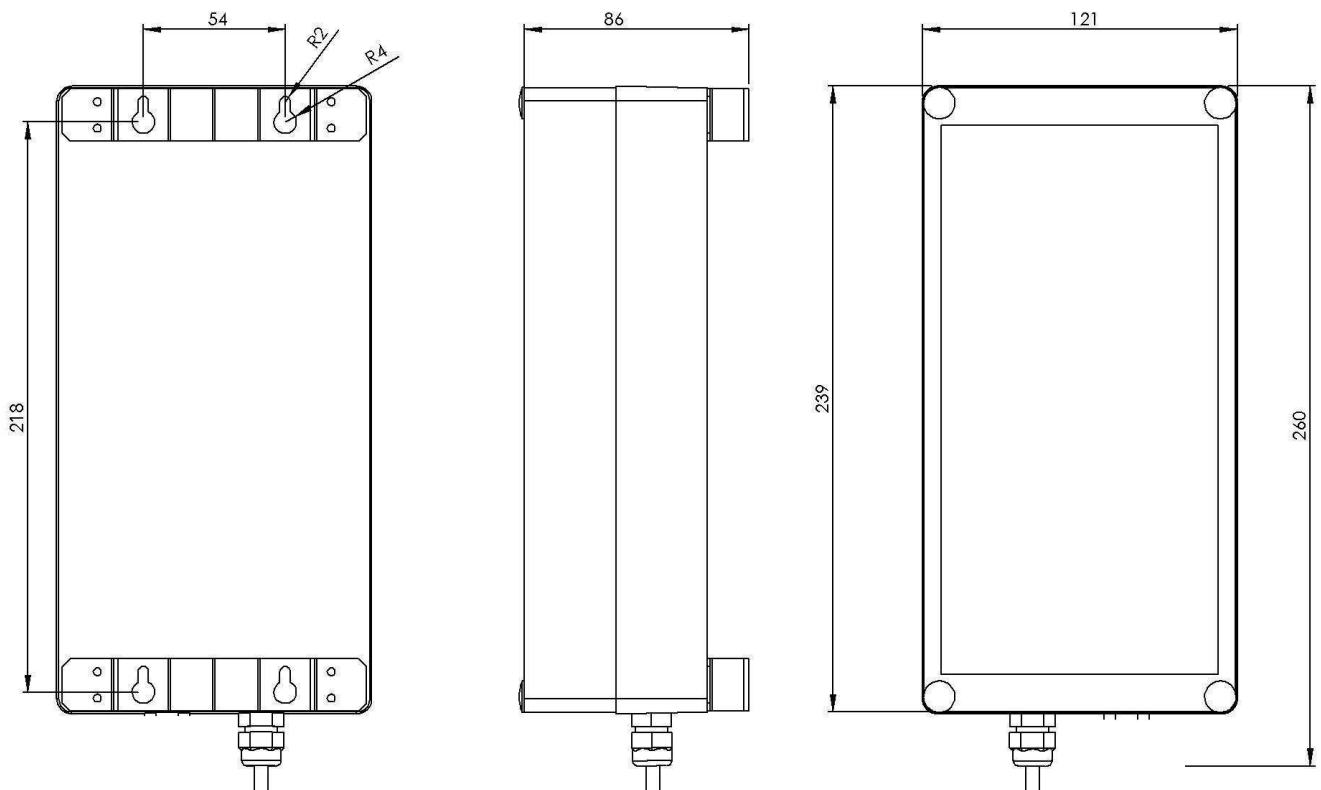
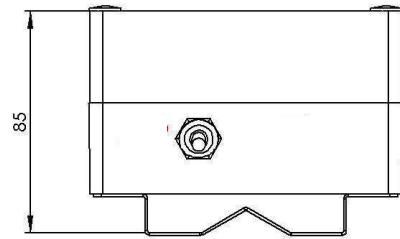
- LTE800, LTE1800 and LTE2700
- UMTS2100
- EGSM900
- DCS1800
- WLAN2400



TECHNICAL SPECIFICATIONS

Parameter	Specification
Type	Outdoor directional panel antenna with built-in frequency combiner
Frequency range	698-960MHz and 1700-2700 MHz
Gain:	@900MHz 8dBi @1800MHz 9dBi @2600MHz 9dBi
Beam width @ 3dB	@900MHz 60°/90° @1800MHz 50°/80° @2600MHz 50°/80°
VSWR:	2.0:1 typical
Polarization:	Vertical (along side 239mm, see figure below)
Input and Impedance	one input 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
SIRJE-0727-50N	Antenna with length of cables 0.3m and RF connectors 50Ω N-type female
SIRJE-0727-50FME-7m	Antenna with length of cables 6.8m and RF connectors 50Ω FME female
SIRJE-0727-50SMA	Antenna with length of cables 0.3m and RF connectors 50Ω SMA male
SIRJE-0727-50SMA-5m	Antenna with length of cables 4.8m and RF connectors 50Ω SMA male
<i>SIRJE-0727-XX-XX</i>	<i>Other SIRJE-0727 options are available on special order</i>

* Ask Rantelon for other parameters.

Rantelon reserves the right to change the specification without notice.