

Product Information: Rev 1A, Issue Jan 2014, Revised Jan 2014

NELLI-0727 is outdoor type directional panel antenna. NELLI-0727 has -45°/+45° polarization in both frequency ranges 698-960MHz and 1700-2700MHz.

KEY FEATURES

- High gain 9dBi
- All "G" operation (2G,3G,4G)
- Very wideband
- MIMO support
- Nice look
- Reliable outdoor type enclosure
- Commonly used 50Ω impedance
- Mast or wall mounting

APPLICATION AREAS

- LTE800, LTE1800 and LTE2600
- UMTS2100
- EGSM900
- DCS1800
- WLAN2400

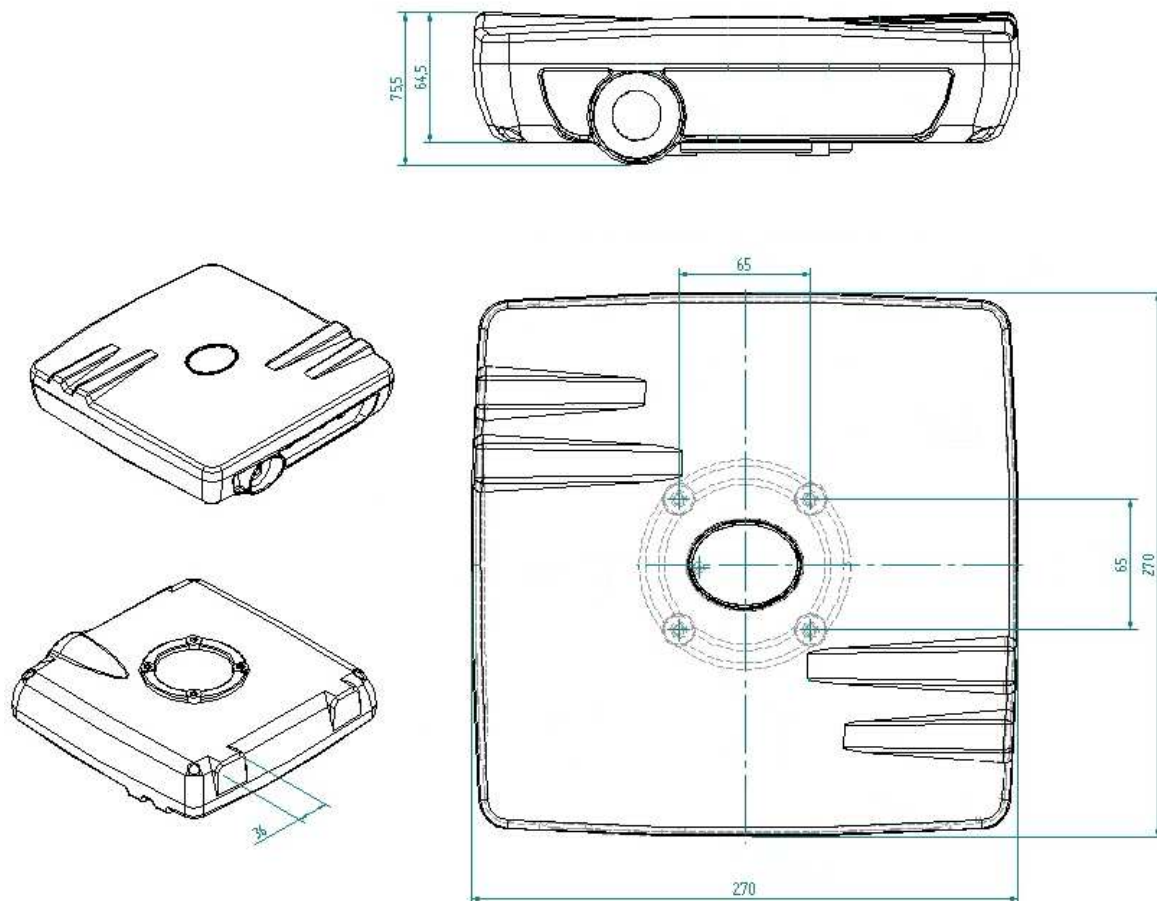


TECHNICAL SPECIFICATIONS

Parameter	Specification
Type	Outdoor directional panel antenna with built-in frequency combiner
Frequency range	698-960MHz and 1700-2700 MHz
Gain:	@900MHz 2 antennas x 9dBi @1800MHz 2 antennas x 9dBi @2600MHz 2 antennas x 10dBi
Beam width @3dB:	@900MHz 50°/90° @1800MHz 50°/80° @2600MHz 45°/80°
VSWR	2.0:1 typical
Polarization	-45°/+45°
Element isolation	20..30dB
Element correlation	<0.1
Input and Impedance	2 inputs x 50Ω (See ordering information below)
Enclosure type	Outdoor; wall or mast mounting ; mast pipe diameter: max 50mm
Dimensions	See figure below
Color/Weight	Light grey/1.2kg min. (depends on length of cables)

NB! Mounting instruction: cable side looks down.

All dimensions are in [mm].



ORDERING INFORMATION *

Model	Description
NELLI-0727-50N	Antenna with length of cables 0.5m and RF connectors 50Ω N-type female
NELLI-0727-50FME-7m	Antenna with length of cables 7.0m and RF connectors 50Ω FME female
NELLI-0727-50SMA	Antenna with length of cables 0.5m and RF connectors 50Ω SMA male
NELLI-0727-50SMA-5m	Antenna with length of cables 5.0m and RF connectors 50Ω SMA male
NELLI-0727-XX-XX	<i>Other NELLI-0727 options are available on special order</i>

* Ask Rantelon for other parameters.

Rantelon reserves the right to change the specification without notice.