

Antenna, Whip

ERF4121

Description

The ERF4121 antenna is an outdoor LTE omni directional fiberglass antenna with an SMA male connector. The antenna can be used in the frequency range of 690-960 / 1710-2700 MHz.

Technology

- LTE
- GSM/UMTS
- WiFi
- Bluetooth



Features

Electrical Properties	Description
Frequency range	698~960 / 1710~2700 Mhz
Band Width	262 / 990 Mhz
Gain	7 dBi
V.S.W.R.	< 3
Nominal Impedance	50 Ω
Polarization	Vertical
Radiation	Omni-Direction
Horizontal Beam width	360°
Vertical beam width	35°
Max input power	50 Watt
Lightning Protection	DC Ground

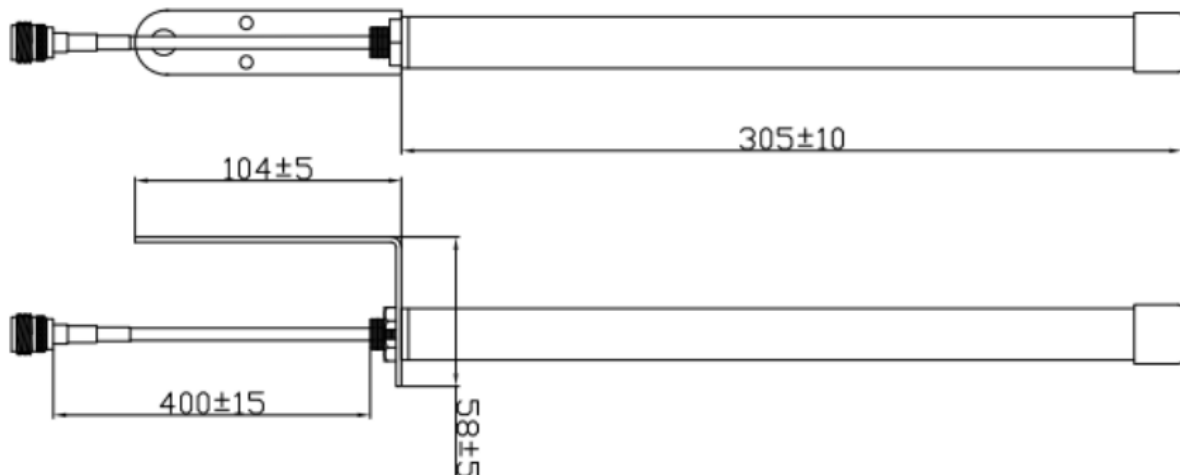
Antenna, Whip

ERF4121

Mechanical Properties	Description
Antenna	External Antenna
Mounting	Wall mounted with bracket
Color	Grey
Connector	SMA Male
Cable Length	400 mm \pm 1
Cable Type	RG58
Dimensions	\varnothing 50 * 305 mm
Operating Temperature	-40°C~+70°C
Storage Temperature	-40°C~+70°C
Weight	300 gram
Rated Wind Velocity	60 m/s
Relative Humidity	Up to 95%
Vibration	10 to 50Hz with 1.5mm amplitude 2 hours

Dimensions

*Unit: mm



Connector



The standard ERF4121 antenna uses an SMA male connector, but other connectors available upon request.

Ordering information

Ordering can be done via www.summit-electronics.com or via info@summit-electronics.com. Please contact us for more information. Customisation of the product is available on request.

Technical support

For all product questions please contact us via info@summit-electronics.com

Document revision

Rev	Date	changes
V01.00	06-04-2023	First issue of document