



## 5.8GHz Mutenna 18 dBi Antenna

### Multi-Function Weatherproof Enclosure with the integrated 5.8GHz 18 dBi Antenna

This product - MuTenna – is designed by RF Castle and this outdoor weatherproof enclosure with an integrated 18 dBi flat panel antenna for 5.8GHz applications such as Wireless LAN.

This type of product can save a lot of space and provides the pleasing look.

In addition, the reason of naming “MuTenna” is – it is a multi-functional Antenna



- Designed for wireless LAN communications
- Mounted easily for the outdoor application
- Designed to obtain maximum gain
- Made with weatherproof and corrosion resistant

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## Features:

1. Bigger space of this weatherproof enclosure than general similar products.
2. Two access points can be installed inside of the MuTenna and the signals can be transmitted through two directions
3. Being suitable for the MIMO AP. There are three N female connectors mounted on the based of unit
4. Utilizing the integrated Panel antenna and other external antennas such as Omni antenna or Grid High-Gain antenna
5. If you don't required to contact external antenna, you can lock with three weatherproof covers directly on the weatherproof Enclosure
6. Easy installation and to change any devices you need.

## Specification:

Technical Information	
Item No.	MU-5800-18
Frequency	5725-5850 MHz
Gain/Beamwith Degrees	18 dBi
VSWR	$\leq 1.5:1$
Impedance	50 $\Omega$
Dimensions	
Size	L360 x W300 x H100 mm
Weight	3000 g
Inside Connector	SMA Type / female
Optional	
AP Type	Any Brand of AP
Connection (20cm pigtail)	RP TNC male
	RP SMA male
	MC Card
	MMCX male RA
	MMCX male RA RP
	IPEX/U.FL



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## TEST CERTIFICATE

Certificate No.: IP-A96-342

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Applicant: RF CASTLE ELECTRONICS CO., LTD.  
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Equipment: MuTenna

Model/Type: MuTenna, 360 × 300 × 100 mm

The tested equipment was found to comply with the requirements of the IEC 60529 (2001), Degrees of protection provided by enclosures (IP Code), IP-67, Points 12.1, 12.2, 12.3, 13.1, 13.4, 13.6, 14.1, 14.2.7, and 14.3 of the standard.



Authorized Representative

*Yan-Chio Huey*

Y. C. Huang

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This certificate is valid only to the tested sample and may only be reproduced in its entirety without change.