

Customer	
Date	2016 / 10/ 05
Product	OA-868M12-NF 860MHz - 870MHz 12dBi Omni-Directional Outdoor Antenna
REV	1

FEI TENG WIRELESS TECHNOLOGY CO. , LTD

APPROVAL SHEET

Customer Approved By	Approve	Chief	Responsible

860MHz - 870MHz 12dBi Omni-Directional Outdoor Antenna



Applications:

- 860MHz - 870MHz Frequency Band
- IEEE 802.22 WRAN
- Point to Point Bridge
- Multipoint Application
- Bluetooth
- Public Wireless Hotspot
- Wireless Video Systems

Features :

- Superior performance
- The weight is light
- Good appearance designs
- DC Short lightning protection
- Support is up and down or so to adjust
- Behind and support is an aluminum
- Outdoor antenna for public Hotspots
- Includes tilt and swivel mast mount brackets
- RoHS Compliant

Accessories



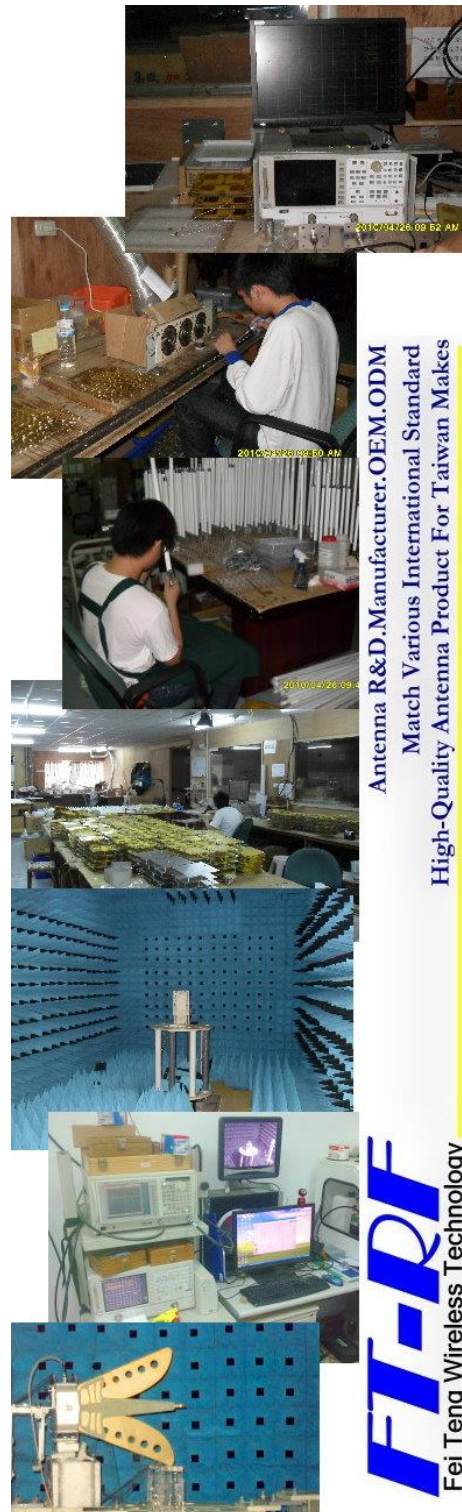
- Stainless steel "U type" screw X2**
- M6 Stainless steel screw mat slice X 4**
- M6 Stainless steel screw X 4**
- Water proof tape X 1**

Electrical Specifications

Frequency Range	860MHz - 870MHz
V.S.W.R (MAX)	2.0 :1
Antenna Type	Omni
Radiation	Directional
Gain	12 dBi
Polarization	Vertical
Maximum Power	100 Watts
Vertical Beam-width	8 Deg
Horizontal Beam-width	360 Deg
Impedance	50 Ohm
Antenna Design	Dipole Array
Internal Material	Copper
Connector	N-Female

Mechanical Specifications

Length x Width (MAX)	2240 mm+/-5mm
Diameter (MAX)	70x50 mm
Antenna Weight (G.W)	994g
Accessories (G.W)	70 g
Application	Indoor / Outdoor
Radome Material	White Fiberglass
Paets Material	Aluminum
Mount Style	Pole Mount / Wall Mount
Mounting	Stainless Steel and Aluminum
Wind Survival	Greater then 150MPH
Storage Temperature	-40 to +80
Operating Temperature	-40 to +60
Operating Humidity	10%~80% non-condensing
Storage Humidity	5%~80% non-condensing
Safety,Emission and other	RoHS

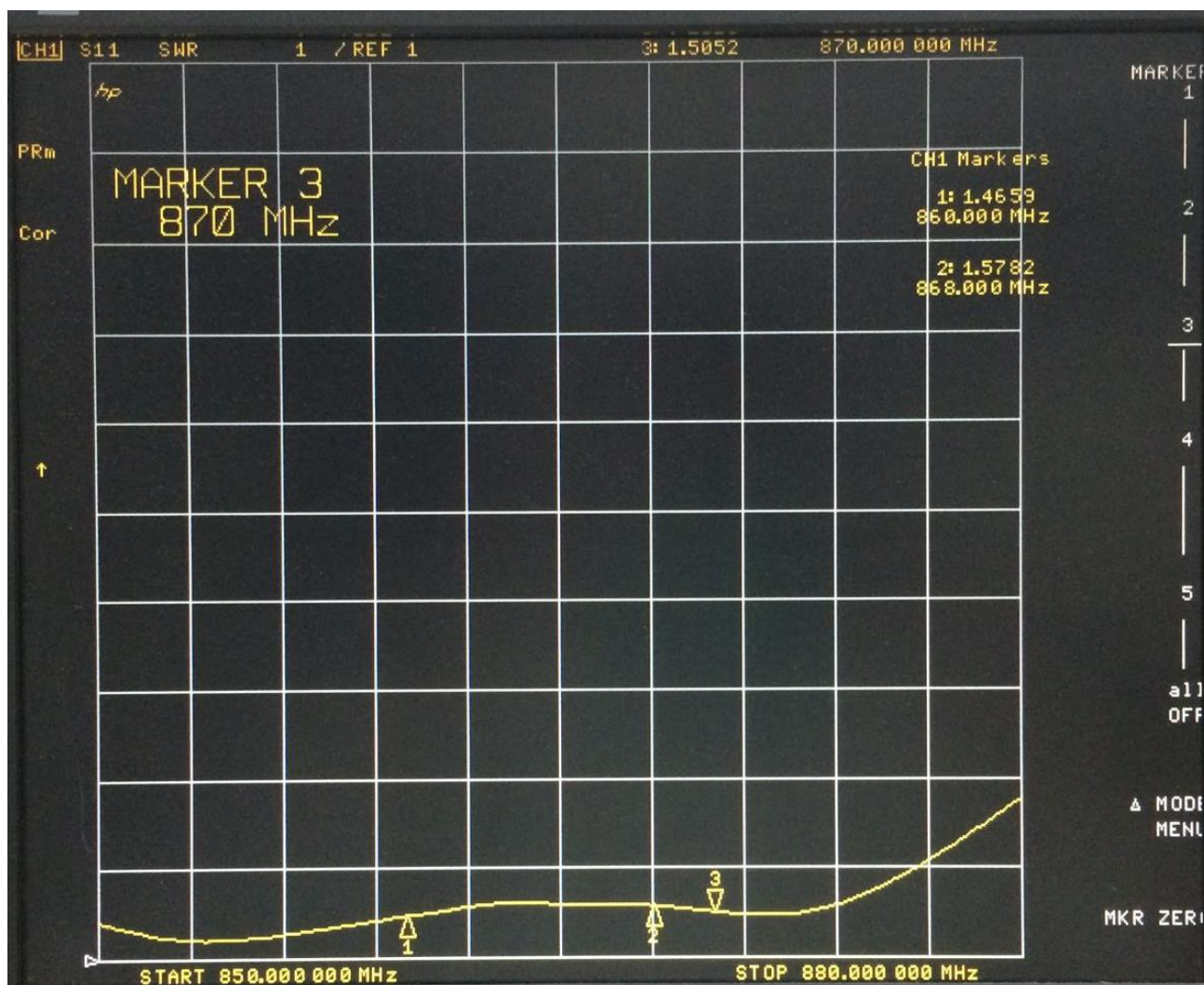


Antenna R&D.Manufacturer.OEM.ODM
Match Various International Standard
High-Quality Antenna Product For Taiwan Makes

Network Analyzer Test Report

Test Equipment	Agilent 8720ET 50MHz-20.5GHz
Test Equipment Cable	Agilent 60cm SMA Male to SMA Male
RF connector Adapter	Agilent SMA-Female to N-Male DC~18GHz
Correction	85052D-DC-26.5Ghz
Test Model	OA-868M12-NF
Test Port	S11

V.S.W.R



Fei Teng Wireless Technology Corp.

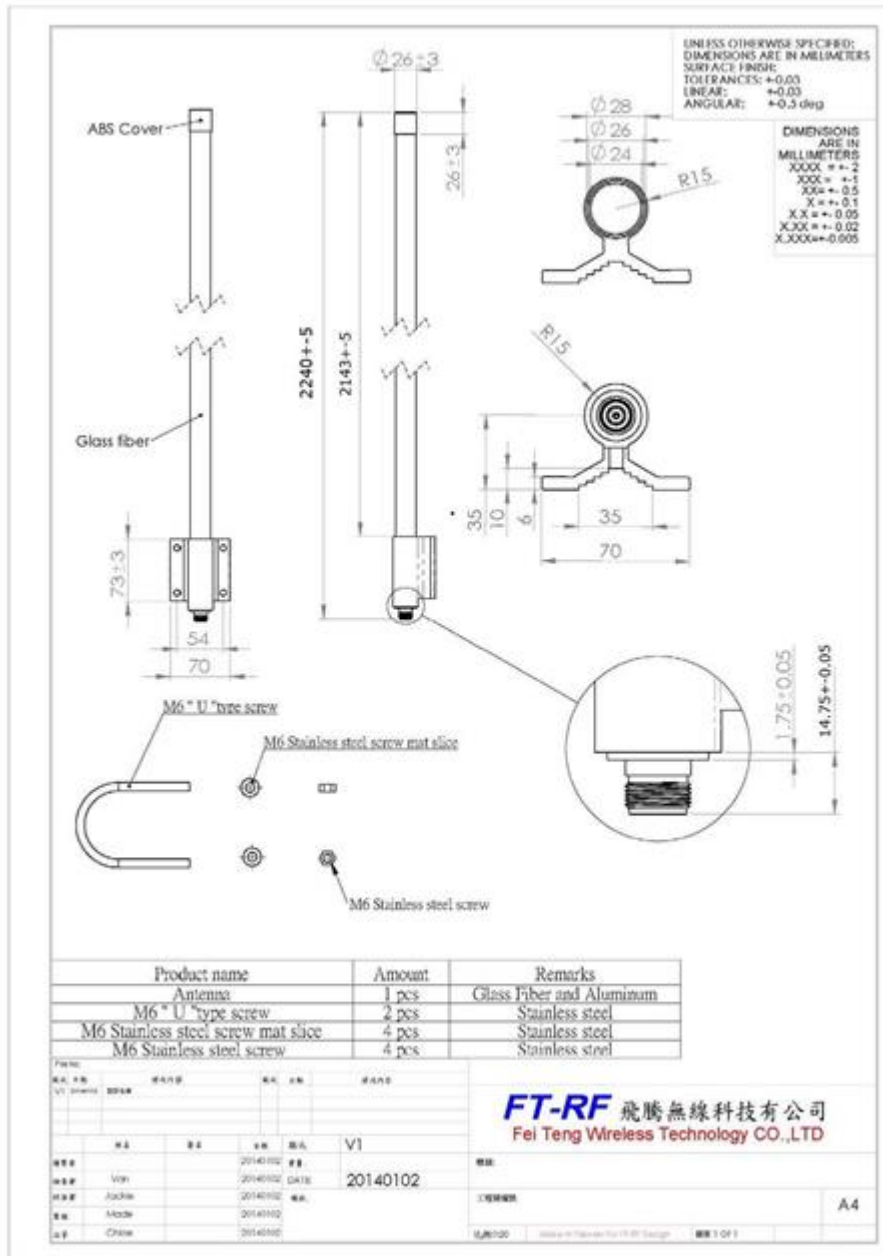
6F, no. 10-10 Guangming 9th Rd. Jhubei city,
Hsinchu County 302, Taiwan

TEL:886-3-5882899

FAX:886-3-5882879


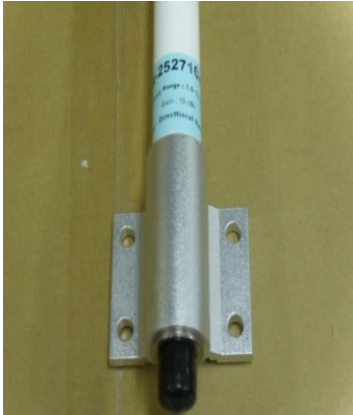
<http://www.FT-RF.com>

[e-mail:ft@ft168.com.tw](mailto:ft@ft168.com.tw)



Packing List

	1 Set Packing	
	Antenna Stainless steel "U type" screw M6 Stainless steel screw mat slice M6 Stainless steel screw Water proof tape Carton(10pcs)	
	ITEM NO.	OA-868M12-NF 10 set
	Q'TY	10 PCS
	G. W.	20.6KG
	N. W.	10KG
	CARTON	231x40x18 cm

1 set carton Label		Antenna Label	
Size	50 x 80 mm(white)	Size	30x50 mm(blue)
Customer:	Manufacture Data: yy/mm/dd	OA-868M12-NF Frequency Range: 860MHz - 870MHz Gain: 12 dBi Omni-Directional Outdoor Antenna	
Customer Mode:			
Order Number:			
Weight:	kg		
Carton:	Box		
Amount:	Pcs		
Paste Position		Paste Position	
			

RoHs Status(RoHs Compliant)

Certificate of Compliance

Date:

FT-RF hereby certifies that product

Model	Product
OA-868M12-NF	860MHz - 870MHz 12dBi Omni-Directional Outdoor Antenna

Is in conformance with the requirements of the European RoHS Directive 2011/65/EU, and that all materials referenced therein are in concentrations below the maximum allowable levels specified.

Our statements in this letter regarding RoHS compliance do not extend to, or apply to any product subjected to unintended contamination, misuse, neglect, accident, improper installation, or to use in violation of instructions furnished by FT-RF.

Sincerely,

FT-RF (Fei Teng Wireless Technology CO.,LTD)

The information contained in this letter is being provided for informational purposes only and to clarify certain information concerning FT-RF products. Nothing provided in this letter is

- (1) a representation, warranty or agreement to indemnification by FT-RF.
- (2) a statement which may form the basis of reliance by FT-RF,
- (3) a modification of any of the terms and conditions of sale agreed to in writing between FT-RF and its customers with respect to any FT-RF products, whether previously sold or to be sold in the future.