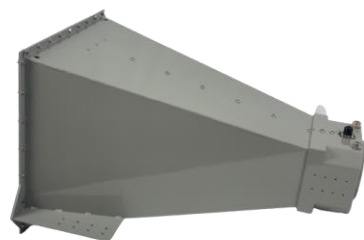




Military Antennas



Outdoor Antennas



Horn Antennas

# Company Introduction & Product Catalogue

Year of 2022

FT-RF specializes in the production of Military antennas, RF/EMC/EMI antennas, RF Microwave Antennas, and other microwave components.

We are concentrating on producing high-quality products at an affordable cost.

# INTRODUCTION

- Fei Teng Wireless Technology (FT-RF) is a Taiwanese company that was one of the first to manufacture RF antennas. Thousands of clients from more than 60 countries have purchased from us. We are dedicated to providing the greatest quality for our customers, based on our 30 years of experience
- FT-RF has been assessed and found to be in accordance with the requirements of the standard detailed below:



ISO 140001:2015 Scope: Design and Manufacture of Antenna. Certificate number: ARES/TW/I1901075E

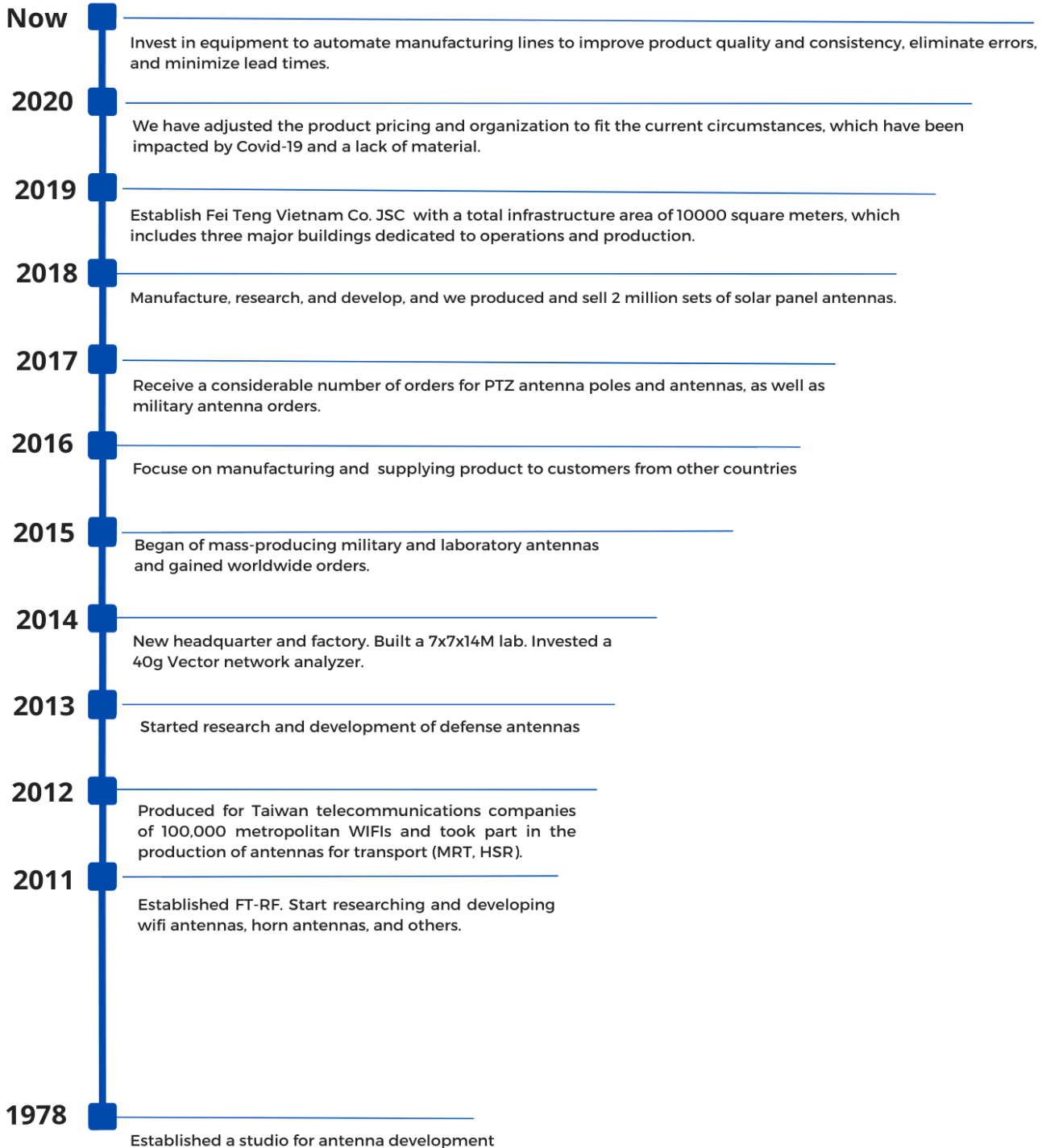


ISO 9001:2015 Scope: Design and Manufacture of Antenna. Certificate number: 102707/A/001/UK/En

- Main production line: **Outdoor antennas, military antennas, and horn antennas**
- We are now producing outdoor antennas that are ideal for helium hotspots. Furthermore, we have consumers from over 60 countries and consistently earn their trust.
- We have many years of experience in custom design and mass manufacturing of military equipment to meet customers' needs.

# HISTORY

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# EQUIPMENT

We began automating the production line in **December 2021**, after purchasing, installing, and using the machines and equipment.

The following are some of the benefits of production line automation:

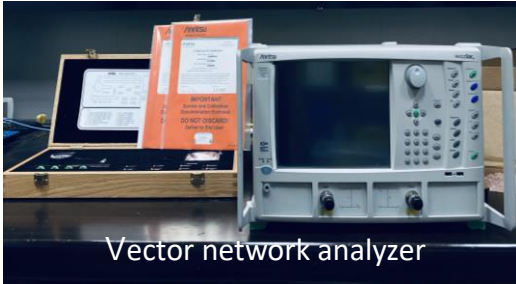
- Reducing human manufacturing errors
- Reducing the impact on the environment
- Enhancing the product quality
- Self-testing function
- Mass manufacture of products

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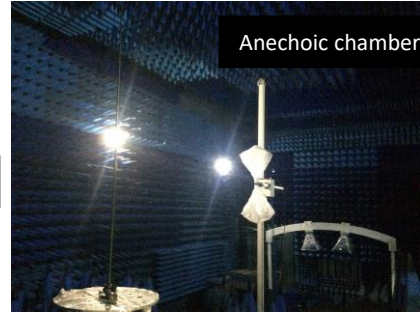
Equipment Name	Quantity
Anritsu MS4647B Vector Network Analyzer	1
Anritsu MS46322A Vector Network Analyzer	1
Advantest R3767CH	1
Agilent 8753ET 2 Port 300K-6.8GHz Vector Network Analyzer	1
ADVANTEST R3767CH 2 Port 40MHz-8GHz RF Network Analyzer	2
Anritsu MS46322A Vector Network Analyzers with frequency range from 1 MHz to 4/8/14/20/30/43.5 GHz	3
HP 8753E RF 300K-3GHz Vector Network Analyzer	1
Anritsu MS4644A 10Mhz to 40 GHz Vector Network Analyzer	1
HP 8349B Microwave Amplifier	1
UC UC3000	1
GWINSTEK LCR-821	1
Agilent 8720ET 2 Port 50MHz-20GHz Vector Network Analyzer	1
Automated soldering machines	2
Automated Robot Dispenser	3
Automatic Lock Screw Machine	1
DC-26.5Ghz Calibration Kit (SMA-Male)*2(SMA-Female)	1
DC-18Ghz Calibration Kit X2 (N-male) (N-Female)	1
DC to 40GHz Calibration Kit	1
Anechoic chamber 12m x 12m x 24m	1

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# EQUIPMENT



Vector network analyzer



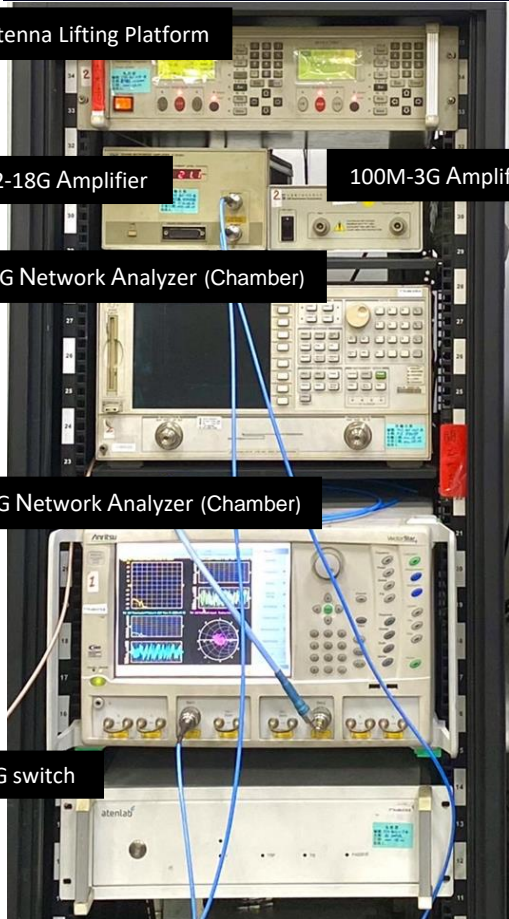
Anechoic chamber



Automatic Dispenser



Wire Stripping Machine



Antenna Lifting Platform

2-18G Amplifier

100M-3G Amplifier

20G Network Analyzer (Chamber)

40G Network Analyzer (Chamber)

6G switch



Locking screw machine



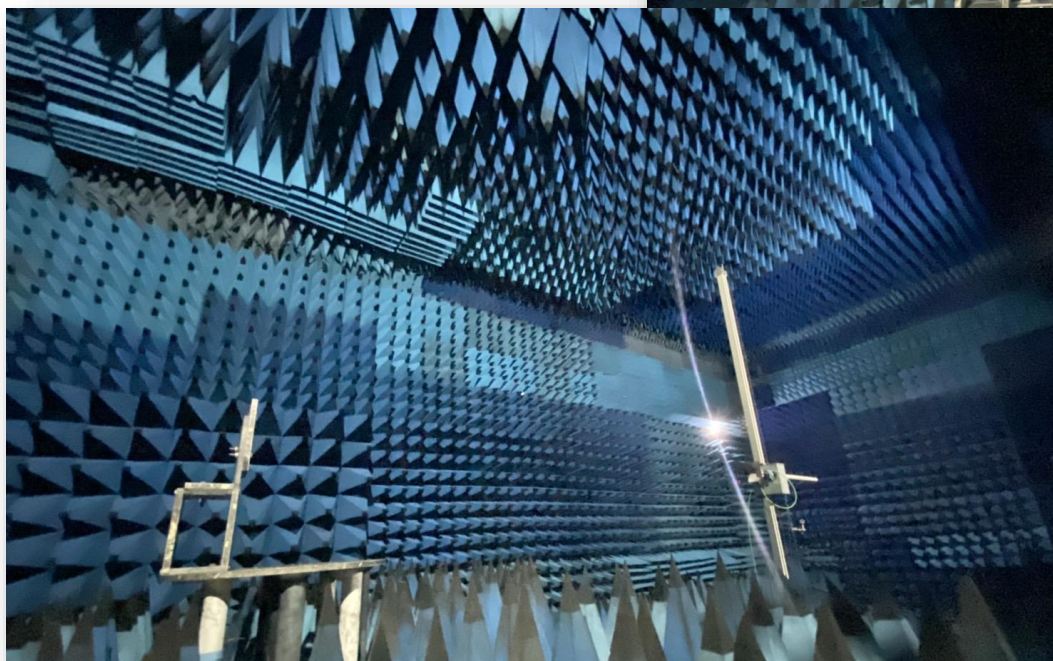
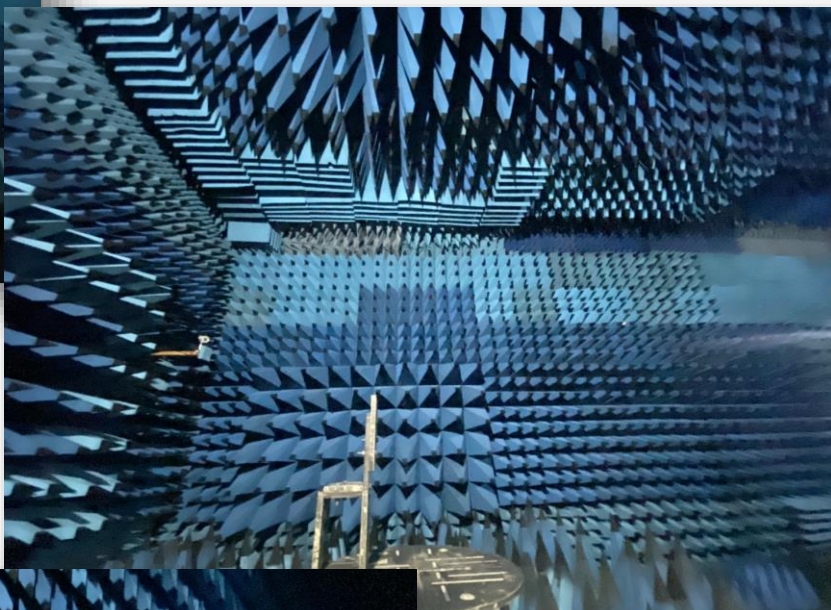
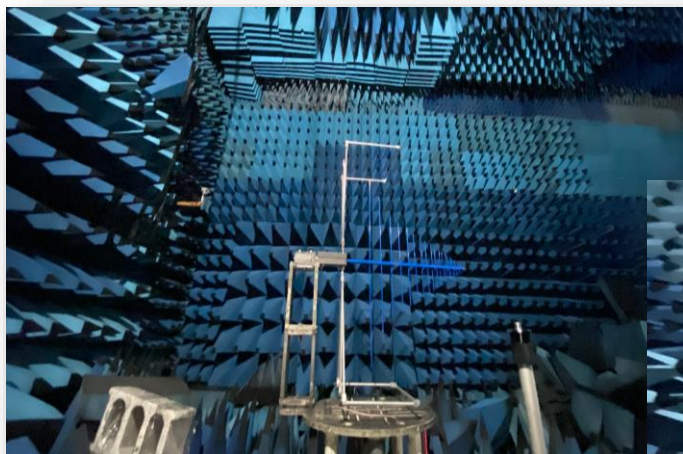
Automatic soldering machine



Automatic soldering machine

# CHAMBER

Anechoic chamber 12x12x24m



# OUR CUSTOMERS



Ihr Partner  
seit 1984!



# OUTDOOR ANTENNA

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A Product catalog

Fast shipping – High quality – Reasonable price





# OUTDOOR ANTENNAS

- The UV-resistant fiberglass shell enables all-weather operation.
- For lightning protection, it is made of copper elements and coupled to the DC ground potential.
- Any type and length of cable can be terminated with a female N-Type connector.

Frequency range	Radiation	Antenna type	Gain	Website
118MHz – 174MHz	Omnidirectional	Collinear	3-5dbi	<a href="#">Click here</a>
	Directional	Yagi	6-12.5dBi	
170MHz – 225MHz	Omnidirectional	Collinear	3-5.5dBi	<a href="#">Click here</a>
430MHz – 512MHz	Omnidirectional/ Directional	Collinear/ Yagi	2-12dBi	<a href="#">Click here</a>
696MHz – 830MHz	Omnidirectional	Collinear	3-8dBi	<a href="#">Click here</a>
	Directional	Yagi	12dbi	
	Directional	Patch	9dBi	
890MHz – 960MHz	Omnidirectional	Collinear	3-12dBi	<a href="#">Click here</a>
	Directional	Patch	6-14dBi	
1030MHz - 1600MHz	Omnidirectional	Collinear	2-10dBi	<a href="#">Click here</a>
	Directional	Patch	8-14dBi	
1710MHz – 2170MHz	Omnidirectional	Collinear	3-14dbi	<a href="#">Click here</a>
	Directional	Patch	8-17dBi	
2200MHz – 2500MHz	Omnidirectional	Collinear	3-15dBi	<a href="#">Click here</a>
	Directional	Patch	8-18dBi	
2400MHz – 2500MHz	Mini Omni Directional	Collinear	3-12dBi	<a href="#">Click here</a>
	Omni Directional	Collinear	2-12dBi	
	Directional	Patch	7-22dBi	
	Directional	Yagi	8-18dBi	
	Directional	Sector	12-22dBi	
2400MHz – 5800MHz	Omni Directional/Directional	Collinear/ Patch	5, 8dBi	<a href="#">Click here</a>
2500MHz – 2700MHz	Omnidirectional	Collinear	3-15dBi	<a href="#">Click here</a>
	Directional	Patch	7-22dBi	
	Directional	Yagi	15dBi	
3000MHz – 6000MHz	Omnidirectional	Collinear	3dBi	<a href="#">Click here</a>
3300MHz – 3800MHz	Omnidirectional	Collinear	8-15dBi	<a href="#">Click here</a>
	Directional	Patch	8-20dBi	
3800MHz – 4200MHz	Directional	Patch	8-18dBi	<a href="#">Click here</a>
4400MHz – 4900MHz	Omnidirectional	Collinear	3-15dBi	<a href="#">Click here</a>
	Directional	Patch	8-23dBi	
4900MHz – 6200MHz	Omnidirectional	Collinear	3-15dBi	<a href="#">Click here</a>
	Directional	Patch	8-23dBi	
	Directional	Sector	10-18dBi	

\*\*Please contact us at [info-tw@ft168.com.tw](mailto:info-tw@ft168.com.tw) for assistance with a higher functioning frequency range. In addition, we offer a custom design service.

Outdoor Antenna

LoRa Antenna



# LORA 868MHZ, 915MHZ SERIES



868MHZ, 915MHZ

Model	Power	Gain (dBi)	Dimension (mm)	Weight (g)	Connector
<a href="#">OA-868M03-NF</a>	100W	3	320x70x50	330	N-Female
<a href="#">OA-868M04-NF</a>	50W	4	670x70x55mm	513	N-Female
<a href="#">OA-868M05-NF</a>	50W	5	820x70x55mm	654	N-Female
<a href="#">OA-868M05C-NF</a>	50W	5	745x70x55mm	392	N-Female
<a href="#">OA-868M06-NF</a>	50W	6	1200x70x50mm	586	N-Female
<a href="#">OA-868M06C-NF</a>	50W	6	915+-30x70x55mm	481	N-Female
<a href="#">OA-868M07-NF</a>	50W	7	1300x70x55mm	780	N-Female
<a href="#">OA-868M07C-NF</a>	50W	7	1235x70x55	600	N-Female
<a href="#">OA-868M08-NF</a>	50W	8	1475x70x50mm	1070	N-Female
<a href="#">OA-868M09-NF</a>	100W	9	1614+-30x70x50mm	920	N-Female
<a href="#">OA-868M10-NF</a>	100W	10	2240x70x50mm	994	N-Female
<a href="#">OA-868M12-NF</a>	100W	12	2240x70x50mm	994	N-Female
<a href="#">OS-868M03-NM</a>	200W	3	295x20x20mm	180	N-Type Male

LoRa Antenna

•868MHz Lora antenna and 915MHz Lora antenna work at frequencies ranging from 868MHZ - 870MHZ (for 868MHz series) and 902MHz to 928MHz (for 915MHz series). The dipole antenna is one of the most common and simplest antenna designs. ISM, WLAN, RFID, SigFox, Lora, and LPWA networks are among the applications, as is helium hotspot - one of the projects that have expanded quickly in recent years. The antenna is constructed in a straight line and is relatively light in weight, making it suitable for a variety of situations, including the most severe, thanks to its UV-resistant shell. The antenna can be mounted straight to a pole or wall using the inbuilt aluminum bracket. The connector is an N-type female connector, which is used in the industry. There are a variety of frequencies and strength settings to choose from.

\*The actual size could be slightly different

# LORA 915MHZ, 923MHZ SERIES



868MHZ, 915MHZ













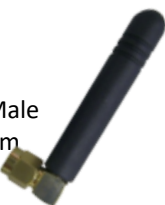
LORa Antenna

915MHZ LORA ANTENNA					
Model	Max Power	Gain (dBi)	Impedance	Dimension	Weight
<a href="#">OA-915M03-NF</a>	50W	3	50 Ohm	318x70x50mm	274.78g
<a href="#">OA-915M04-NF</a>	50W	4	50 Ohm	745x70x50mm	572.47g
<a href="#">OA-915M05-NF</a>	50W	5	50 Ohm	800x70x50mm*	680g
<a href="#">OA-915M05C-NF</a>	50W	5	50 Ohm	800x70x50mm*	443g
<a href="#">OA-915M06-NF</a>	50W	6	50 Ohm	1100x70x50mm	596.90g
<a href="#">OA-915M06C-NF</a>	50W	6	50 Ohm	1100x70x50mm	523g
<a href="#">OA-915M07-NF</a>	50W	6	50 Ohm	1095x70x50mm*	572g
<a href="#">OA-915M07C-NF</a>	50W	7	50 Ohm	1235x70x50mm*	572g
<a href="#">OA-915M08-NF</a>	50W	8	50 Ohm	1474x70x50mm	858.21g
<a href="#">OA-915M09-NF</a>	50W	9	50 Ohm	1474x70x50mm	900g
<a href="#">OA-915M12-NF</a>	50	12	50 Ohm	2235x70x50mm	1.5 kg
923MHZ LORA ANTENNA					
<a href="#">OA-923M06-NF</a>	50W	6	50 Ohm	1500x70x54mm	700g
<a href="#">OA-923M03-NF</a>	50W	3	50 Ohm	318x70x50mm	250g

\*868MHz Lora antenna and 915MHz Lora antenna work at frequencies ranging from 868MHz - 870MHz (for 868MHz series) and 902MHz to 928MHz (for 915MHz series). The dipole antenna is one of the most common and simplest antenna designs. ISM, WLAN, RFID, SigFox, Lora, and LPWA networks are among the applications, as is helium hotspot - one of the projects that have expanded quickly in recent years. The antenna is constructed in a straight line and is relatively light in weight, making it suitable for a variety of situations, including the most severe, thanks to its UV-resistant shell. The antenna can be mounted straight to a pole or wall using the inbuilt aluminum bracket. The connector is an N-type female connector, which is used in the industry. There are a variety of frequencies and strength settings to choose from.

\*The actual size could be slightly different

# INDOOR ANTENNAS

<p><a href="#">RU-8994M03-RSMB</a>            Freq: 890-940MHz            Radiation:            Omni Directional            Gain: 3dBi            Connector: RP-SMA-Male            Dimension: 198x12.5mm            Weight: 30g</p> 	<p><a href="#">RU-9296M03-SM</a>            Freq: 920-960MHz            Radiation:            Omni Directional            Gain: 3dBi            Connector: SMA-Male            Dimension: 237x12.5mm            Weight: 46g</p> 	<p><a href="#">RU-1820M05-SM</a>            Freq: 1800MHz-2000MHz            Radiation:            Omni Directional            Gain: 5dBi            Connector: SMA-Male            Dimension: 237x12.5mm            Weight: 46g</p> 
<p><a href="#">RU-2122M05-SM</a>            Freq: 2100-2200MHz            Radiation:            Omni Directional            Gain: 5dBi            Connector: SMA-Male            Dimension: 198x12.5mm            Weight: 30g</p> 	<p><a href="#">RU-242502-RSMB</a>            Freq: 2400-2500MHz            Radiation:            Omni Directional            Gain: 2dBi            Connector: RP-SMA-Male            Dimension: 108x12.5mm            Weight: 15g</p> 	<p><a href="#">RU-242503-RSMB</a>            Freq: 2400-2500MHz            Radiation:            Omni Directional            Gain: 3dBi            Connector: RP-SMA-Male            Dimension: 137x12.5mm            Weight: 25g</p> 
<p><a href="#">RU-242505-RSMB</a>            Freq: 2400-2500MHz            Radiation:            Omni Directional            Gain: 5dBi            Connector: RP-SMA-Male            Dimension: 192x12.5mm            Weight: 30g</p> 	<p><a href="#">RU-242505-NM</a>            Freq: 2400-2500MHz            Radiation:            Omni Directional            Gain: 5dBi            Connector: N-Male            Dimension: 190x44mm            Weight: Updating</p> 	<p><a href="#">RU-242507-RSMB</a>            Freq: 2400-2500MHz            Radiation:            Omni Directional            Gain: 7dBi            Connector: : RP-SMA-Male            Dimension: 332x12.5mm            Weight: 50g</p> 
<p><a href="#">RU-2527M06-SM</a>            Freq: 2500-2700MHz            Radiation:            Omni Directional            Gain: 6dBi            Connector: : SMA-Male            Dimension: 237x12.5mm            Weight: 46g</p> 	<p><a href="#">CE-242503-NF</a>            Freq: 2400-2500MHz            Radiation:            Omni Directional            Gain: 6dBi            Connector: : N-Female            Dimension: 170x140mm            Weight: 210g</p> 	<p><a href="#">RU-245805-RSMB</a>            Freq: 2400/5800MHz            Radiation:            Omni Directional            Gain: 5dBi            Connector: : RP-SMA-Male            Dimension: 163x22mm            Weight: 30g</p> 
<p><a href="#">RU-0821G02-RASM</a>            Freq: 824-960MHz / 1710-2170MHz            Radiation:            Omni Directional            Gain: 6dBi            Connector: : RA-SMA- Male            Dimension: 57.5x16.6mm            Weight: 30g</p> 	<p>To access the website, please click on the blue word            or email us at <a href="mailto:info-tw@168.com.tw" style="color: white;">info-tw@168.com.tw</a></p>	



# ANTENNAS MOUNT – RF ADAPTER AND RF ARRESTOR

Antenna Mount, RF Adapter, RF Arrestor

ANTENNAS MOUNT		
<p><a href="#">MO-SE-031-ST:</a> Adjustable stainlesssteel bracket under the large-scale</p> 	<p><a href="#">MO-PA-022-ST:</a> Adjustable stainlesssteel bracket under the Small-scale</p> 	<p><a href="#">MO-AJ-032-ST</a> Adjustable stainlesssteel bracket under the Wall and Pole</p> 
 <p><a href="#">MO-L-0321-A</a> L Type Aluminum mounting bracket</p>	 <p><a href="#">MO-L-003-ST</a> Mini Omni Stainless steel mounting bracket</p>	<p>Please contact us via <a href="mailto:info-tw@ft168.com.tw">info-tw@ft168.com.tw</a> for prices</p>
RF ADAPTER		
<p><a href="#">AD-00NF00NF6G-BN</a> N-Female to N-Female Bulkhead Adapter DC-6GHz</p> 	<p><a href="#">ADP-SFFSFF-B-ST</a> Stainless Steel SMA-Female to SMA-Female Lock Adapter DC-10GHz</p> 	<p><a href="#">ADP-SMMSMM-B-CP</a> Stainless Steel SMA-Female to SMA-Female Bulkhead Adapter DC-18GHz</p> 
<p><a href="#">AD-00NM00NM3G-BN</a> N-Male to N-Male Adapter DC-3GHz</p> 	<p>Please contact us via <a href="mailto:info-tw@ft168.com.tw">info-tw@ft168.com.tw</a> for prices</p>	<p><a href="#">ADP-SFFSFF-10L-ST</a> Stainless Steel SMA-Female to SMA-Female Lock Adapter DC-10GHz</p> 
RF ARRESTOR		
<p><a href="#">AR-PRO03-NFBNM</a> DC to 3GHz N-male to N-Female Bulkhead Arrestor</p> 	<p><a href="#">R-ONF0NF06-NI</a> DC to 6GHz N-Female to N-Female Bulkhead Arrestor</p> 	<p><a href="#">AR-PRO06-RTNFRNTNM</a> DC to 6GHz RP TNC Male to RP TNC Bulkhead Female Arrestor</p> 
<p><a href="#">AR-PRO06-NFBTN</a> DC to 6GHz N-Female Bulkhead to TNC Female Arrestor</p> 	<p><a href="#">AR-ONM0NF06-NI</a> DC to 6GHz N-Male to N-Female Bulkhead Arrestor</p> 	<p><a href="#">AR-PRO06-SMFBSMF</a> DC to 6GHz SMA Female to SMA Bulkhead Female Arrestor</p> 

# RF CONNECTOR

# RF COAXIAL ASSEMBLIES

RF Connector

SMA CONNECTOR	
SMA-JJG	<a href="#">Click here</a>
SMA-JJW	<a href="#">Click here</a>
SMA-JJWG	<a href="#">Click here</a>
SMA-JK	<a href="#">Click here</a>
SMA-JKW	<a href="#">Click here</a>
SMA-JKWG	<a href="#">Click here</a>
SMA-KK	<a href="#">Click here</a>
SMA-KKF	<a href="#">Click here</a>
SMA-KKW	<a href="#">Click here</a>
SMA-KKWG	<a href="#">Click here</a>
SMA-KKY	<a href="#">Click here</a>
SMA-KKYG	<a href="#">Click here</a>
SMA/N-JJG	<a href="#">Click here</a>
SMA/N-JKG	<a href="#">Click here</a>
SMA/N-KJG	<a href="#">Click here</a>
SMA/N-KKG	<a href="#">Click here</a>



2.4MM CONNECTOR	
2.4-JJG	<a href="#">Click here</a>
2.4-JJWG	<a href="#">Click here</a>
2.4-JKG	<a href="#">Click here</a>
2.4-JKWG	<a href="#">Click here</a>
2.4-KKFG	<a href="#">Click here</a>
2.4-KKG	<a href="#">Click here</a>
2.4-KKWG	<a href="#">Click here</a>
2.4-KKYG	<a href="#">Click here</a>



2.92MM CONNECTOR	
2.92-JJG	<a href="#">Click here</a>
2.92-JJWG	<a href="#">Click here</a>
2.92-JKG	<a href="#">Click here</a>
2.92-JKWG	<a href="#">Click here</a>
2.92-KKFG	<a href="#">Click here</a>
2.92-KKG	<a href="#">Click here</a>
2.92-KKWG	<a href="#">Click here</a>
2.92-KKYG	<a href="#">Click here</a>



COXIAL ASSEMBLY	
0.81mm	<a href="#">Click here</a>
1.13mm	<a href="#">Click here</a>
1.32mm	Contact us
1.37mm	<a href="#">Click here</a>
1.48mm	<a href="#">Click here</a>
1.8mm	Contact us
RG SERIES	
RG8	<a href="#">Click here</a>
RG58A/U	<a href="#">Click here</a>
RG58	<a href="#">Click here</a>
RG58U	<a href="#">Click here</a>
RG142	<a href="#">Click here</a>
RG174	<a href="#">Click here</a>
RG178	<a href="#">Click here</a>
RG188A/U	<a href="#">Click here</a>
RG213	<a href="#">Click here</a>
RG214	<a href="#">Click here</a>
RG223	<a href="#">Click here</a>
RG316	<a href="#">Click here</a>
RG316D	<a href="#">Click here</a>
RG400	Contact us
CFD100	<a href="#">Click here</a>
CFD600	<a href="#">Click here</a>
FT SERIES	
FT195	<a href="#">Click here</a>
FT200	<a href="#">Click here</a>
FT240	<a href="#">Click here</a>
FT300	<a href="#">Click here</a>
FT400	<a href="#">Click here</a>
LMR SERIES	
LMR900	Contact us
LMR1200	Contact us



RF COAXIAL ASSEMBLIES



*To ensure that our products are environmentally friendly, we have switched from chromium 6 to chromium 3 for horn products. The color of the horn products changed from yellow to silvery white. The announcement take effect on December 1st, 2021.*

# **HORN ANTENNA**



# New Product

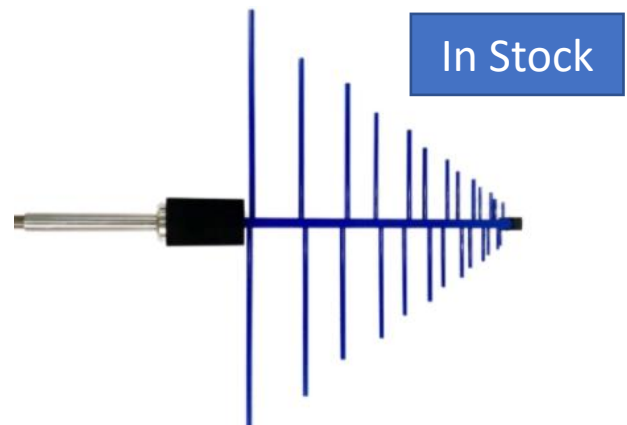
- Model: [HA-06M17G-NF](#)
- Frequency: 600Mhz - 17Ghz
- Gain: -5 to 17Dbi
- Dimension: 350x290x190mm
- N.W: 1.4KG
- EMC/EMI pre-compliance test antennas



- Model: [HA-02M03G01-NF](#)
- Frequency: 200MHz to 3GHz
- Gain: 3dbi to 12 dBi
- LxWxH: 986x960x720mm
- N.W.: 15KG
- Connector: N-type Female - Max power: 600W
- Connector: 7/16-Female - Max power: 3000W
- EMC/EMI pre-compliance test antennas

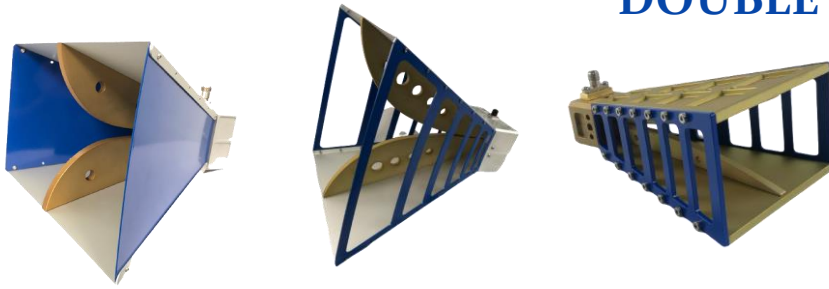


- Model No: [LO-225M03GA1-NF](#)
- Frequency: 225 MHz to 3000 GHz
- LxWxH: 670x540x80mm
- N.W.: 1.45 KG
- General Antenna Testing, EMC/EMI pre-compliance test antennas
- Radar Cross Section
- Wireless





# DOUBLE RIDGED HORN ANTENNA



## Antenna applications

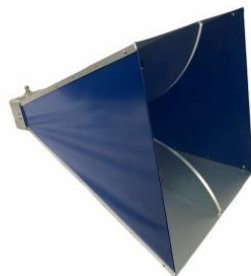
- ✓ Antenna measurement
- ✓ Communication systems
- ✓ Satellite tracking systems
- ✓ Radar Detection System
- ✓ Surveillance System
- ✓ Electromagnetic Compatibility Testing (EMC test)

Model	Frequency Range	Gain	Dimension	Max Power	Connector	Beamwidth
<a href="#">HA-04M08GJ1-NF</a>	400 MHz to 8 GHz Double Ridged Broadband Waveguide Outdoor Jamming Horn Antenna	1-20dBi	510x410x660	500W	N-Female	H22 V27
<a href="#">HA-0540GB-KF</a>	5GHz to 40GHz Double Ridged Broadband Waveguide Horn Antenna	1-15dBi	104x55x43	25W	2.92mm Female	H38 V44
<a href="#">HA-07M08GA2-NF</a>	700MHz to 8GHz Double Ridged Broadband Waveguide Horn Antenna	6-17dBi	661x430x445	500w	N-Female	H26 V34
<a href="#">HA-1840GA3-KF</a>	18GHz to 40GHz Double Ridged Broadband Waveguide Horn Antenna	16-19dBi	153x81x51	25W	2.92mm Female	H23 V17
<a href="#">HA-1840GA2-KF</a>	18GHz to 40GHz Double Ridged Broadband Waveguide Horn Antenna	15-18dBi	128x68x44	25W	2.92mm Female	H21 V18
<a href="#">HA-1840GA1-KF</a>	18GHz to 40GHz Double Ridged Broadband Waveguide Horn Antenna	13-16dBi	74x55x38	300W	2.92mm Female	H24 V38
<a href="#">HA-1040GA1-KF</a>	10GHz to 40GHz Double Ridged Broadband Waveguide Horn Antenna	7-17dBi	74x55x38	100W	2.92mm Female	H29 V25
<a href="#">HA-06M08G-NF</a>	600MHz to 8GHz Double Ridged Broadband Waveguide Horn Antenna	4-14dBi	344x319x196	500W	N-Female	<a href="#">Contact us</a>
<a href="#">HA-0218G-NF</a>	2GHz to 18GHz Double Ridged Broadband Waveguide Horn Antenna	5-17dBi	142x120x83	300W	N-Female	H39 V37
<a href="#">HA-08M18G-L-NF</a>	800MHz to 18GHz Light Double Ridged Broadband Waveguide Horn Antenna	4-16dBi	245x204x143	500W	N-Female	<a href="#">Contact us</a>
<a href="#">HA-08M08G-NF</a>	800MHz to 8GHz Double Ridged Broadband Waveguide Horn Antenna	4-16dBi	202x245x143	500W	N-Female	<a href="#">Contact us</a>
<a href="#">HA-07M18G-NF</a>	700MHz to 18GHz Double Ridged Broadband Waveguide Horn Antenna	4-16dBi	242x187x242	500W	N-Female	H 36 V46
<a href="#">HA-07M13G-NF</a>	700MHz to 13GHz Double Ridged Broadband Waveguide Horn Antenna	4-18dBi	345x289x193	500W	N-Female	<a href="#">Contact us</a>
<a href="#">HA-07M08G-NF</a>	700MHz to 8GHz Double Ridged Broadband Waveguide Horn Antenna	4-17dBi	324x288x180	500W	N-Female	H 58 V42
<a href="#">HA-03M08GT1-NF</a>	300MHz to 8GHz Double Ridged Broadband Waveguide Horn Antenna	-10- 16dBi	495x458x458	500W	N-Female	H 51 V53
<a href="#">HA-03M06GT2-NF</a>	300MHz to 6GHz Double Ridged Broadband Waveguide Horn Antenna	-6 - 20dBi	756x600x393	800W	N-Female	H 39 V47

Double ridged horn antenna



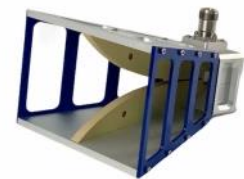
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HA-07M08GA2-NF



HA-06M08G-NF

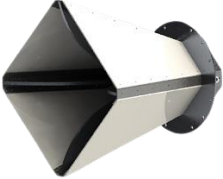
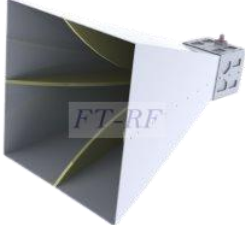
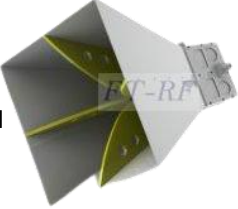
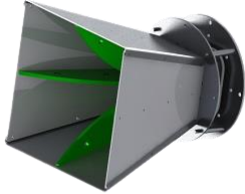


HA-0218G-NF

# OPEN BOUNDARY DOUBLE RIDGED HORN ANTENNA

OPEN BOUNDARY DOUBLE RIDGED HORN ANTENNA			
<p><a href="#">HB-07M08G-NF</a>                      Frequency: 700MHz – 8GHz                      Gain: 3-15dBi                      Polarization: Vertical or Horizontal                      Connector: N-Female                      Max power: 500W</p>		<p><a href="#">HB-07M18G-NF</a>                      Frequency: 700MHz – 18GHz                      Gain: 3-17dBi                      Polarization: Vertical or Horizontal                      Connector: N-Female                      Max power: 500W</p>	
<p><a href="#">HB-08M18G-NF</a>                      Frequency: 800MHz – 18GHz                      Gain: 3-14dBi                      Polarization: Vertical or Horizontal                      Connector: N-Female                      Max power: 500W</p>		<p><a href="#">HB-08M08G-NF</a>                      Frequency: 800MHz – 8GHz                      Gain: 3-15dBi                      Polarization: Vertical or Horizontal                      Connector: N-Female                      Max power: 500W</p>	

## QUAD-RIDGED HORN ANTENNA

<p><a href="#">HQ-03M06G01-NF</a>                      Frequency: 300MHz-6GHz                      Gain: 3dbi to 14dBi                      Max power: 50W                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xN-female</p>		<p><a href="#">HQ-03M08G01-NF</a>                      Frequency: 300MHz-8GHz                      Gain: 3dbi to 14dBi                      Max power: 50W                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xN-female</p>	
<p><a href="#">HQ-03M10G06-NF</a>                      Frequency: 300MHz-10GHz                      Gain: 3dbi to 15dBi                      Max power: 80W                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xN-female</p>		<p><a href="#">HQ-04M08G-NF</a>                      Frequency: 400MHz-8GHz                      Gain: 3dbi to 18dBi                      Max power: Contact us                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xN-female</p>	
<p><a href="#">HQ-07M10G-NF</a>                      Frequency: 700MHz-10GHz                      Gain: 3dbi to 15dBi                      Max power: Contact us                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xN-female</p>		<p><a href="#">HQ-01G08G-NF</a>                      Frequency: 100MHz-8GHz                      Gain: 3dbi to 13dBi                      Max power: 10W                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xN-female</p>	
<p><a href="#">HQ-0218G01-SF</a>                      Frequency: 200MHz-18GHz                      Gain: 3dbi to 18dBi                      Max power: 70W                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xSMA-Female</p>		<p><b>QUAD-RIDGED HORN ANTENNA</b></p>	

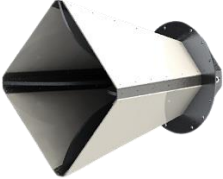
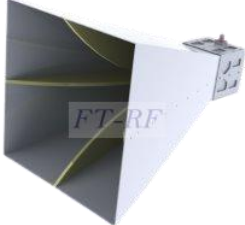
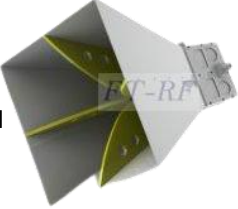
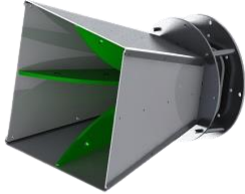
Quad-ridged Horn Antenna



# OPEN BOUNDARY DOUBLE RIDGED HORN ANTENNA

OPEN BOUNDARY DOUBLE RIDGED HORN ANTENNA			
<p><a href="#">HB-07M08G-NF</a>                      Frequency: 700MHz – 8GHz                      Gain: 3-15dBi                      Polarization: Vertical or Horizontal                      Connector: N-Female                      Max power: 500W</p>		<p><a href="#">HB-07M18G-NF</a>                      Frequency: 700MHz – 18GHz                      Gain: 3-17dBi                      Polarization: Vertical or Horizontal                      Connector: N-Female                      Max power: 500W</p>	
<p><a href="#">HB-08M18G-NF</a>                      Frequency: 800MHz – 18GHz                      Gain: 3-14dBi                      Polarization: Vertical or Horizontal                      Connector: N-Female                      Max power: 500W</p>		<p><a href="#">HB-08M08G-NF</a>                      Frequency: 800MHz – 8GHz                      Gain: 3-15dBi                      Polarization: Vertical or Horizontal                      Connector: N-Female                      Max power: 500W</p>	

# QUAD-RIDGED HORN ANTENNA

<p><a href="#">HQ-03M06G01-NF</a>                      Frequency: 300MHz-6GHz                      Gain: 3dbi to 14dBi                      Max power: 50W                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xN-female</p>		<p><a href="#">HQ-03M08G01-NF</a>                      Frequency: 300MHz-8GHz                      Gain: 3dbi to 14dBi                      Max power: 50W                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xN-female</p>	
<p><a href="#">HQ-03M10G06-NF</a>                      Frequency: 300MHz-10GHz                      Gain: 3dbi to 15dBi                      Max power: 80W                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xN-female</p>		<p><a href="#">HQ-04M08G-NF</a>                      Frequency: 400MHz-8GHz                      Gain: 3dbi to 18dBi                      Max power: Contact us                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xN-female</p>	
<p><a href="#">HQ-07M10G-NF</a>                      Frequency: 700MHz-10GHz                      Gain: 3dbi to 15dBi                      Max power: Contact us                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xN-female</p>		<p><a href="#">HQ-01G08G-NF</a>                      Frequency: 100MHz-8GHz                      Gain: 3dbi to 13dBi                      Max power: 10W                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xN-female</p>	
<p><a href="#">HQ-0218G01-SF</a>                      Frequency: 200MHz-18GHz                      Gain: 3dbi to 18dBi                      Max power: 70W                      Polarization: Vertical and Horizontal or <math>\pm 45</math>deg                      Connector: 2xSMA-Female</p>		<p><b>QUAD-RIDGED HORN ANTENNA</b></p>	

Quad-ridged Horn Antenna

# OPEN BOUNDARY QUAD-RIDGED HORN ANTENNA

OPEN BOUNDARY QUAD-RIDGED HORN ANTENNA					
Model	Frequency Range	Gain	Max power	Polarization	Connector
<a href="#">HR-07M12G01-SF</a>	700MHz - 12GHz	3 - 14 dBi	50W	Vertical and Horizontal or $\pm 45$ deg	SMA-Female
<a href="#">HR-07M18GA1-SF</a>	700MHz - 18GHz	1 - 14dBi	50W	Vertical and Horizontal or $\pm 45$ deg	SMA-Female
<a href="#">HR-07M10GT1-SF</a>	700MHz - 10GHz	-8 - 14dBi	50W	Vertical and Horizontal or $\pm 45$ deg	SMA-Female
<a href="#">HR-07M10GA1-SF</a>	700MHz - 10GHz	0-12dBi	50W	Vertical and Horizontal or $\pm 45$ deg	SMA-Female
<a href="#">HR-03M06G01-NF</a>	300MHz to 6.5GHz	1-14dBi	50W	Vertical and Horizontal or $\pm 45$ deg	N-Femalex2
<a href="#">HR-07M08G01-SF</a>	700MHz - 8GHz	3-15dBi	50W	Vertical and Horizontal or $\pm 45$ deg	SMA-Female
<a href="#">HR-03M06G08-NF</a>	300MHz to 6GHz	3-14dBi	50W	Vertical and Horizontal or $\pm 45$ deg	N-Femalex2
<a href="#">HR-07M06G06-NF</a>	700 MHz to 6.5 GHz	4-14dBi	300W	Vertical and Horizontal or $\pm 45$ deg	N-Femalex2
<a href="#">HR-07M06G08-NF</a>	700MHz to 6.5GHz	5-12dBi	50W	Vertical and Horizontal or $\pm 45$ deg	N-Femalex2
<a href="#">HR-07M06G09-NF</a>	700 MHz to 6 GHz	3-15dBi	50W	Vertical and Horizontal or $\pm 45$ deg	N-Female x 2
<a href="#">HR-07M06G05-NF</a>	701 MHz to 6 GHz	3-13dBi	50W	Vertical and Horizontal or $\pm 45$ deg	N-Female x 2

## STANDARD GAIN HORN ANTENNA

<b>WR28</b>	<a href="#">Click here</a>
<b>WR42</b>	<a href="#">Click here</a>
<b>WR51</b>	<a href="#">Click here</a>
<b>WR62</b>	<a href="#">Click here</a>
<b>WR75</b>	<a href="#">Click here</a>
<b>WR90</b>	<a href="#">Click here</a>
<b>WR112</b>	<a href="#">Click here</a>
<b>WR137</b>	<a href="#">Click here</a>

<b>WR159</b>	<a href="#">Click here</a>
<b>WR187</b>	<a href="#">Click here</a>
<b>WR229</b>	<a href="#">Click here</a>
<b>WR284</b>	<a href="#">Click here</a>
<b>WR340</b>	<a href="#">Click here</a>
<b>WR430</b>	<a href="#">Click here</a>
<b>WR510</b>	<a href="#">Click here</a>
<b>WR650</b>	<a href="#">Click here</a>
<b>WR770</b>	<a href="#">Click here</a>

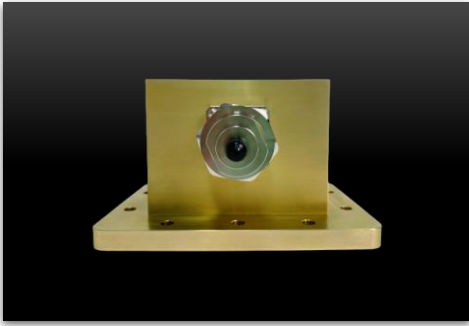
<b>WR975</b>	<a href="#">Click here</a>
<b>WR1150</b>	<a href="#">Click here</a>
<b>WR1500</b>	<a href="#">Click here</a>
<b>WR1800</b>	<a href="#">Click here</a>
<b>WR2100</b>	<a href="#">Click here</a>
<b>WR2300</b>	<a href="#">Click here</a>



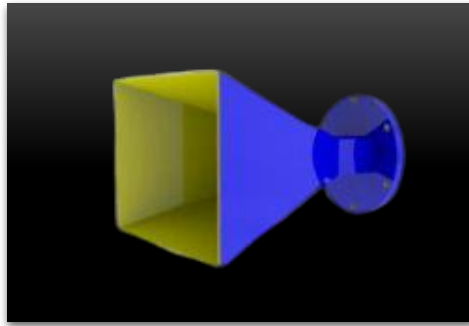
Standard Gain Horn antenna



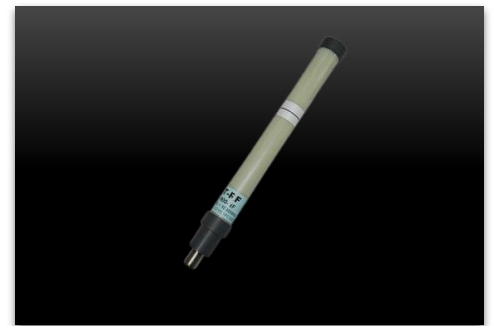
# OTHER PRODUCTS



WAVEGUIDE COAXIAL ADAPTER



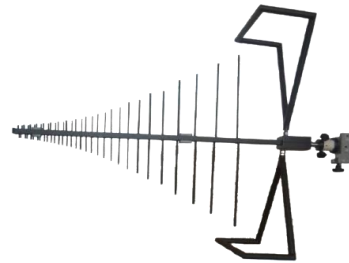
WAVEGUIDE INPUT



PRECISION SLEEVE DIPOLE ANTENNA

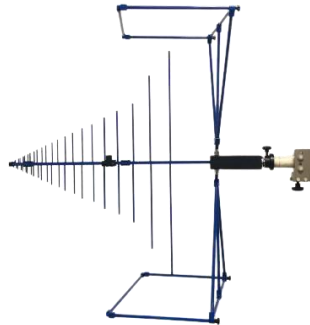
LO-30M03GA1-NF

Frequency: 30MHz to 3GHz  
Gain: 3-11dBi  
Dimension: 1548x975x438mm  
N.W.: 5.2 KG



LO-30M06GA1-NF

Frequency: 30MHz to 6GHz  
Gain: 5-11dBi  
Dimension: 1260x1160x590mm  
N.W.: 7 KG



**LOG PERIODIC ANTENNA**

LM-301

Height: 84.1cm-140.5cm  
Maximum Load: 22.5Kg  
Tripod weight: 8KG



Antenna mount

# MILITARY ANTENNA

Catalog 2022



# JAMMER ANTENNA FOR HANDHELD & MANPACK (ME-SERIES)

ME-Series

Military Antenna

<p><b>ME-0406M02AS-NM</b>                      Frequency: 400 - 600MHz                      Gain: 2dBi                      VSWR: &gt;2.5                      Max power: 250W                      Dimension: 26xL566mm                      Weight: 0.6kg</p> 	<p><b>ME-1214G05AS-NM</b>                      Frequency: 1.2 - 1.4GHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 120W                      Dimension: 26xL375mm                      Weight: 0.5kg</p> 	<p><b>Me-3032G05A-NM</b>                      Frequency: 3.0- 3.2GHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 70W                      Dimension: 26xL356mm                      Weight: 0.4kg</p> 
<p><b>ME-0608M02AS-NM</b>                      Frequency: 600 - 800MHz                      Gain: 2dBi                      VSWR: &gt;2.5                      Max power: 150W                      Dimension: 26xL462mm                      Weight: 0.5kg</p> 	<p><b>ME-1416G05AS-NM</b>                      Frequency: 1.4 - 1.6GHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 120W                      Dimension: 26xL485mm                      Weight: 0.5kg</p> 	<p><b>ME-3234G05A-NM</b>                      Frequency: 3.2 - 3.4GHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 70W                      Dimension: 26xL286mm                      Weight: 0.4kg</p> 
<p><b>ME-08M1G02S-NM</b>                      Frequency: 800 - 1000MHz                      Gain: 2dBi                      VSWR: &gt;2.5                      Max power: 150W                      Dimension: 26xL375mm                      Weight: 0.45kg</p> 	<p><b>ME-2224G05AS-NM</b>                      Frequency: 2.2 - 2.4GHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 100W                      Dimension: 26xL356mm                      Weight: 0.43kg</p> 	<p><b>ME-3436G05AS-NM</b>                      Frequency: 3.4 - 3.6GHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 70W                      Dimension: 26xL286mm                      Weight: 0.4kg</p> 
<p><b>ME-1618G05AS-NM</b>                      Frequency: 1.6 - 1.8GHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 120W                      Dimension: 26xL406mm                      Weight: 0.5kg</p> 	<p><b>ME-2426G05AS-NM</b>                      Frequency: 2.4 - 2.6MHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 100W                      Dimension: 26xL346mm                      Weight: 0.41kg</p> 	<p><b>ME-3840G05AS-NM</b>                      Frequency: 3.8 - 4.0GHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 120W                      Dimension: 26xL375mm                      Weight: 0.5kg</p> 
<p><b>ME-1820G05AS-NM</b>                      Frequency: 1.8 - 2.0GHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 120W                      Dimension: 26xL325mm                      Weight: 0.5kg</p> 	<p><b>ME-2628G05-NM</b>                      Frequency: 2.6 - 2.8MHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 100W                      Dimension: 26xL326mm                      Weight: 0.41kg</p> 	<p>Please visit our website  <a href="https://military.ft-rf.com.tw/">https://military.ft-rf.com.tw/</a>                      Or contact us via:  <a href="mailto:info-tw@ft168.com.tw">info-tw@ft168.com.tw</a></p>
<p><b>ME-2022G05AS-NM</b>                      Frequency: 2.0 - 2.2GHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 100W                      Dimension: 26xL356mm                      Weight: 0.43kg</p> 	<p><b>ME-2830G05A-NM</b>                      Frequency: 2.8 - 3.0GHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 75W                      Dimension: 26xL301mm                      Weight: 0.4kg</p> 	

# JAMMER ANTENNA FOR VEHICLES (MJ-SERIES)



MJ-Series

Military Antenna

<p><b><u>MJ-200500M03A-NF</u></b>                      Frequency: 200 - 500MHz                      Gain: 3dBi                      Max power: 500W                      Dimension: 120xL980mm                      Weight: 4kg</p>	<p><b><u>MJ-433M03-NF</u></b>                      Frequency: 380 - 520MHz                      Center Freq: 410-450MHz                      Gain: 3dBi                      Max power: 500W                      Dimension: 140xL431mm                      Weight: 2.7kg</p>	<p><b><u>MJ-05M06G03A-NF</u></b>                      Frequency: 500 - 6000MHz                      Gain: 3dBi                      Dimension: 140xL150mm                      Weight: 1kg</p>	<p><b><u>MJ-05M06G05A-NF</u></b>                      Frequency: 500 - 6000MHz                      Gain: 5dBi                      Max power:                      Dimension: 140xL150mm                      Weight: 1.6kg</p>
<p><b><u>MJ-1213G03-NF</u></b>                      Frequency: 700-1600MHz                      Center Freq: 1200-1300MHz                      Gain: 3dBi                      Max power: 300W                      Dimension: 140x281mm                      Weight: 2.1kg</p>	<p><b><u>MJ-1112G03-NF</u></b>                      Frequency: 800-1.4GHz                      Center Freq: 1100-1200MHz                      Gain: 3dBi                      Max power: 300W                      Dimension: 140xL291mm                      Weight: 2.1kg</p>	<p><b><u>MJ-0104G05T3-NF</u></b>                      Frequency: 1000-1400MHz                      Gain: 5dBi                      Max power: 200W                      Dimension: 140xL610mm                      Weight: 2.5kg</p>	<p><b><u>MJ-0608M02T8-BM</u></b>                      Frequency: 600-800MHz                      Gain: 5dBi                      VSWR: &gt;2.5                      Max power: 300W                      Dimension: 140*L600                      Weight: 3kg</p>
<p><b><u>MJ-08M1GM02T8-BM</u></b>                      Frequency: 800-1000MHz                      Gain: 2dBi                      Max power: 300W                      Dimension: 140*L450                      Weight: 2.8kg</p>	<p><b><u>MJ-8494M03-NF</u></b>                      Frequency: 840-960MHz                      Center Freq: 600-1200MHz                      Gain: 3dBi                      Max power: 300W                      Dimension: 140*L450                      Weight: 2.8kg</p>	<p><b><u>MJ-1820G07T3-NF</u></b>                      Frequency: 1800-2000MHz                      Gain: 7dBi                      Max power: 200W                      Dimension: 140xL700mm                      Weight: 2.5kg</p>	<p><b><u>MJ-1516G03-NF</u></b>                      Frequency: 1320-1700MHz                      Center Freq: 1550-1620MHz                      Gain: 3dBi                      Max power: 300W                      Dimension: 140xL249mm                      Weight: 1.1kg</p>
<p><b><u>MJ-1314G03-NF</u></b>                      Frequency: 1000-1800MHz                      Center Freq: 1300-1400MHz                      Gain: 5dBi                      Max power: 300W                      Dimension: 140xL246mm                      Weight: 2kg</p>	<p><b><u>MJ-1719G03A1-NF</u></b>                      Frequency: 1600-2300MHz                      Center Freq: 1700-1900MHz                      Gain: 3dBi                      Max power: 200W                      Dimension: 140xL239mm                      Weight: 1.1kg</p>	<p><b><u>MJ-1922G03A1-NF</u></b>                      Frequency: 1600-2700MHz                      Center Freq: 1900-2200MHz                      Gain: 5dBi                      Max power: 250W                      Dimension: 140xL249mm                      Weight: 1.2kg</p>	<p><b><u>MJ-2022G07T3-NF</u></b>                      Frequency: 2000-2200MHz                      Gain: 7dBi                      Max power: 200W                      Dimension: 140xL650mm                      Weight: updating</p>
<p><b><u>MJ-2226G07T3-NF</u></b>                      Frequency: 3600-4000MHz                      Gain: 7dBi                      Max power: 200W                      Dimension: 140xL445mm                      Weight: 2.5kg</p>	<p><b><u>MJ-2425G03-NF</u></b>                      Frequency: 1700-3000MHz                      Center Freq: 2400-2500MHz                      Gain: 3dBi                      Max power: 200W                      Dimension: 140xL209mm                      Weight: 1.1kg</p>	<p><b><u>MJ-8697M03-NF</u></b>                      Frequency: 680-1100MHz                      Center Freq: 860-970MHz                      Gain: 3dBi                      Max power: 500W                      Dimension: 140xL311mm                      Weight: 2.2kg</p>	<p><b><u>MJ-1418G05T3-NF</u></b>                      Frequency: 1400-1800MHz                      Gain: 3dBi                      Max power: 200W                      Dimension: 140xL610mm                      Weight: 2.5kg</p>
<p><b><u>MJ-2527G03-NF</u></b>                      Frequency: 1700-3000MHz                      Center Freq: 2500-2700MHz                      Gain: 3dBi                      Max power: 200W                      Dimension: 140xL189mm                      Weight: 1.1kg</p>	<p><b><u>MJ-2630G07T3-NF</u></b>                      Frequency: 2600-3000MHz                      Gain: 7dBi                      Max power: 200W                      Dimension: 140xL540mm                      Weight: 2.5kg</p>	<p><b><u>MJ-3436G07T3-NF</u></b>                      Frequency: 3400-3600MHz                      Gain: 7dBi                      Max power: 250W                      Dimension: 140xL445mm                      Weight: 2.5kg</p>	<p><b><u>MJ-3640G07T3-NF</u></b>                      Frequency: 3600-4000MHz                      Gain: 7dBi                      Max power: 250W                      Dimension: 140xL445mm                      Weight: 2.5kg</p>





# Jammer Antenna For Vehicles have spring (MJ-Series)

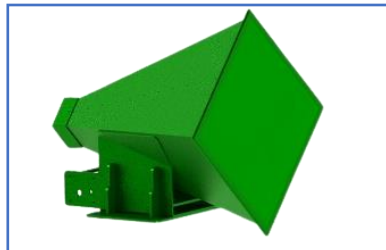
MJ-Series

<b>MJ-0406M02S-NF</b> Frequency: 400 - 600MHz Gain: 2dBi Max power: 300W Dimension: 140xL721mm Weight: 3.6kg	<b>MJ-0608M02S-NF</b> Frequency: 600 - 800MHz Gain: 2dBi Max power: 300W Dimension: 140xL681mm Weight: 3.3kg	<b>MJ-08M1G02S-NF</b> Frequency: 800 - 1000MHz Gain: 2dBi Max power: 200W Dimension: 140xL571mm Weight: 3.3kg	<b>MJ-1014G05S-NF</b> Frequency: 1-1.4GHz Gain: 5dBi Max power: 150W Dimension: 140xL681mm Weight: 3.6kg
<b>MJ-1418G05S-NF</b> Frequency: 1.4-1.8GHz Gain: 5dBi Max power: 150W Dimension: 140x752mm Weight: 3.8kg	<b>MJ-1820G07S-NF</b> Frequency: 1.8-2.0GHz Gain: 7dBi Max power: 120W Dimension: 140xL841mm Weight: 3.8kg	<b>MJ-2226G07S-NF</b> Frequency: 2.2-2.6GHz Gain: 6.5dBi Max power: 120W Dimension: 140xL786mm Weight: 3.7kg	<b>MJ-2630G07S-NF</b> Frequency: 2.6-3.0GHz Gain: 6.5dBi Max power: 120W Dimension: 140xL681mm Weight: 3.6kg
<b>MJ-2022G07S-NF</b> Frequency: 2.0-2.2GHz Gain: 6.5dBi Max power: 120W Dimension: 140xL786mm Weight: 3.7kg	<b>MJ-3436G07S-NF</b> Frequency: 3.0-4.0GHz Center Freq: 3.4-3.6GHz Gain: 7dBi Max power: 100W Dimension: 140xL587mm Weight: 3.4kg	<b>MJ-3640G07S-NF</b> Frequency: 3.3-4.2GHz Gain: 7dBi Max power: 100W Dimension: 140xL587mm Weight: 3.4kg	Please visit our website <a href="https://military.ft-rf.com.tw/">https://military.ft-rf.com.tw/</a> Or contact us via: <a href="mailto:info-tw@ft168.com.tw">info-tw@ft168.com.tw</a> for details.

## Other products



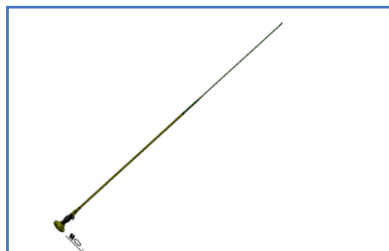
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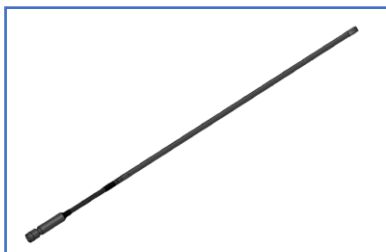
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# Thank you



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