

FE Technology Inc.

ANTENNA PRODUCTS

- Portable Antennas
- Magnetic Mount Antennas
- Base Station Antennas
- Panel Antennas
- Yagi Antennas

- Design Evaluation*
- Custom Tooling*
- Quality Control*
- Product Testing*
- JIT Scheduling*



FE Technology Inc.

OEM Manufacturing Specialists

FE Technology is an industry leader in the manufacturing, sales and distribution of Antennas; especially in the Portable Antenna product area.

Our organization has over 20 years experience in serving the OEM manufacturers throughout the North American market. We offer the cost advantage of Far East manufacturing backed up with a highly competent local engineering, sales and distribution staff. In addition, our staff in Taiwan and China oversees the manufacturing and quality of your product daily. We are dedicated to establishing a customer/supplier partnership. We will use our resources to find the most economical solution to meet your equipment, offer the highest quality products, and offer the level of service required to fill your specific supplier needs.

PRODUCTS We primarily manufacture custom Antennas to meet our customer's specific requirements. We work with our customers to establish specs that will meet the needs of his application and the environment in which it will be used. Our local engineering and sales staff will work with you every step of the way to achieve the most economical design. Once the specifications have been established, we will quote the tooling required to manufacture your product and also meet the anticipated production rate, if tooling is not available in our factory. Our factory will build samples from the tooling for your inspection, testing and tooling sample approval. If required, we will work with you to make any tooling modifications required to insure the reliability of your Antenna, and meet all functional and environmental requirements for your specific application.

SHIPPING We currently offer two shipping points for JIT delivery -- Ohio and California. We understand the importance of JIT scheduling and we are prepared to work with our customers on specific shipping and warehousing needs, as required. We can also ship direct from our China and Taiwan factories for those customers who require this service.

QUALITY Our factory is ISO certified to ISO 9002. Our factory QA department is highly trained and prepared to offer any QA reports required from IQC through to Final QA. We understand the importance of the high quality required and expected by our customers. We place the highest priority on quality and insuring that you receive a quality product. In addition to our factory QA testing and procedures, we also do QA at our USA warehouse to doubly insure that nothing has been missed at the factory or insure that product has not been damaged while in transit from the Far East.

SERVICE In today's market, service distinguishes the supplier who is truly an extension of your Engineering, Purchasing and Production departments. We recognize the necessity for service and are always available to provide this vital link.



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Antenna Products

FE Technology, Inc. has very diverse capabilities to support the many varieties of Antennas required in today's varied communication market place. Our specialty is producing an Antenna to meet our customer's specific requirements.

FREQUENCY RANGE

We have the ability to produce many styles of Antennas that operate in the broad frequency spectrums required by the variety of applications, from 25MHz to 5GHz. These Antennas include Portable Low Band, Portable VHF, Portable UHF, Portable 800/900 MHz and Portable Networking 1.8/2.5 GHz.

PORTABLE OR REPEATER ANTENNAS

Our primary emphasis is the design and manufacturing of Rubber, Steel and Steel Telescoping Portable Antennas, that meet the needs of this varied market. Our products can be single mode, dual mode or tri mode, depending on the customer's application. Our designs also consider the durability required for certain highly abusive applications. We can meet your design goals and work with you to optimize the mechanical design, when required.

MARKETS

There are many markets and applications for Antennas. We are available to work with you to review and meet your specific design goals. These markets include, but are not limited to the following:

- General Communications - such as Walky-Talky, Dog Training, or many others.
- Cell Phones
- Wireless Phones
- Wireless Network / WLAN
- GPS

OTHER ANTENNA TYPES

FE Technology has the capability to address a wide variety of Antenna Products, in addition to the above. These products include:

- Mobile Antennas
- Magnetic Mount Antennas
- Base Station Antennas
- Panel Antennas
- Yagi Antennas

ANTENNA MOUNTS AND CONNECTORS

We have available a wide variety of Mounting Bases and the various Connectors used to connect your Antenna to your product. We will work with you to match your specific needs.



Antenna Production RF Connectors

FE Technology can supply antennas with the most common types of connectors.

- SMA - Microwave subminiature coaxial connectors (50ohm to 18GHz)
- SMB - Subminiature coaxial connectors (50ohm to 4GHz)
- SMC - Subminiature coaxial connectors (50ohm to 10GHz)
- MMCX - Micro-miniature coaxial connectors (50ohm to 6GHz)
- MCX - Micro-miniature coaxial connectors (50ohm to 6GHz)
- BNC - Miniature coaxial connectors (50ohm to 11GHz, 75ohm to 1.6GHz)
- TNC - Miniature coaxial connectors (50ohm to 11GHz, 75ohm to 1GHz)
- N - Coaxial connectors (50ohm to 11GHz, 75ohm to 1.6GHz)
- SHV - High voltage connectors (50ohm to 300MHz)
- MHV - High voltage connectors (50ohm to 300MHz)





Antenna Styles



Portable VHF
Unity Gain
118 - 225MHz



Portable
Low Band
25 - 88MHz



BNC Connector
144 MHz
Length 160mm



MR1
806 - 960MHz

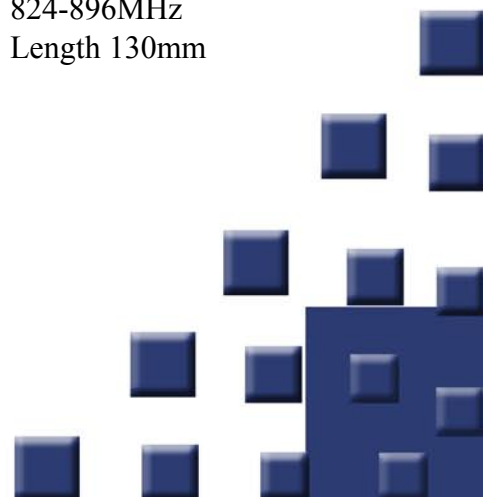


TNC Connector
824-896MHz
Length 130mm

Part: ST9306001

Electrical Properties

- Frequency Range 900 MHz
- Impedance 50 Ohms
- VSWR < 2.0
- Gain 2.00 dBi
- Radiation Omni
- Polarization Vertical
- Standard Connector SMA Female

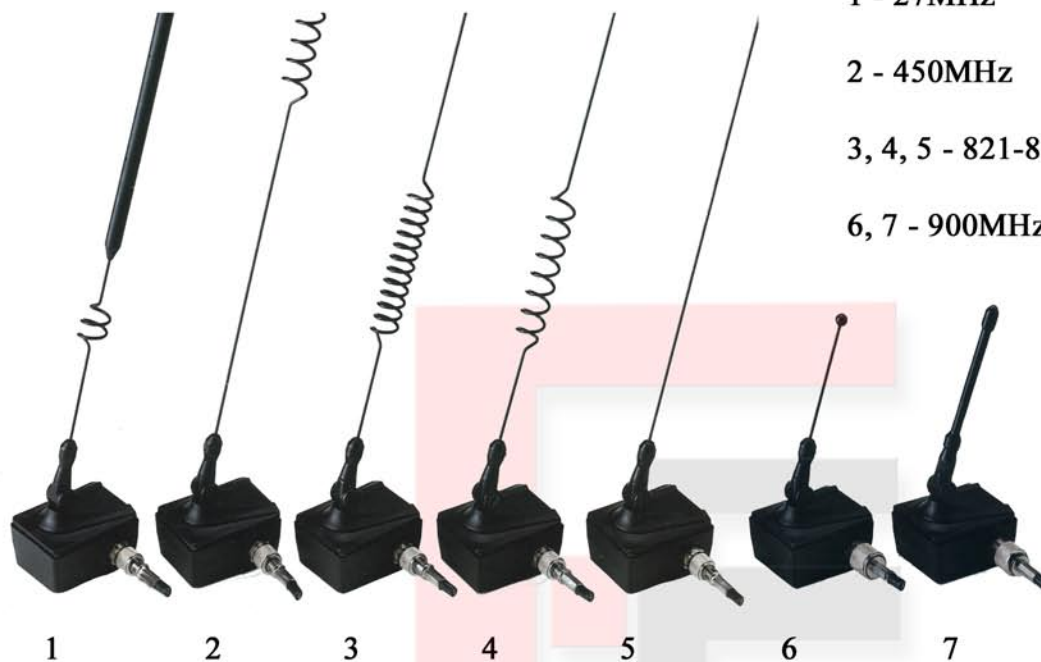




Antenna Styles

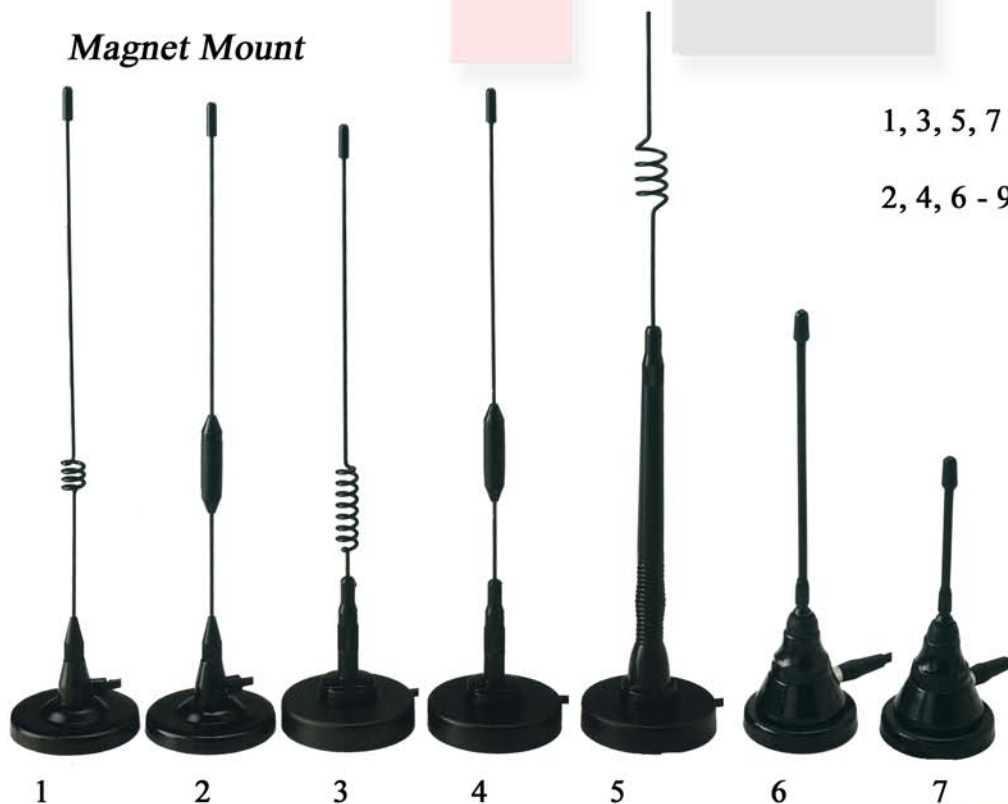
Cellular Mobile

Glass Mount



- 1 - 27MHz
- 2 - 450MHz
- 3, 4, 5 - 821-896MHz
- 6, 7 - 900MHz

Magnet Mount



- 1, 3, 5, 7 - 821~896MHz
- 2, 4, 6 - 900MHz



FE Technology Inc.

Antenna Specification

To assist us in replying to your specific requirement and minimize any delay or error in meeting your specification, we would like you to review and respond to the various items listed below. Our goal is to provide a product that meets your specific needs.

ANTENNA TYPE: _____

APPLICATION: _____

ANTENNA MATERIAL: _____

FREQUENCY: MHz _____ GHz _____

IMPEDANCE: _____

VSWR: _____ : _____

PEAK GAIN: _____ Db

POLARIZATION: _____

ENVIRONMENT OR VIBRATION SPEC: _____

TEMPERATURE RANGE; _____

DIMENSIONS: Length _____ x Diameter _____
(Please attach a Spec or Drawing)

CONNECTION TYPE: _____

COLOR: _____

SPECIAL FINISH: _____

QUANTITY: Annual _____ Order _____

Any other special details will be appreciated.



FE Technology Inc.

Ready to serve OEM Customers throughout the USA. We are the choice of many large and small OEM factories.

EXPERIENCE: 20 years serving the USA market

RESPONSIVE: We can review and respond to your specs, sometimes overnight. We can expedite manufacturing and shipment of your products.

QUALITY: With our highly trained factory staff and local QC and QA, we doubly insure the quality of the product you receive.

SERVICE: In today's market, service distinguishes the supplier who is truly an extension of your Engineering, Purchasing and Production departments. Our goal is to be an integral part of your organization and be considered an "external, but connected, function" of your company.

OTHER PRODUCTS FROM FE TECHNOLOGY

- | | |
|--|--|
| POWER ADAPTERS | AC/DC AC/AC Switching |
| POWER SUPPLIES | Desk Top Wall Mount Open Frame |
| BATTERY CHARGERS | Non Regulated Smart Chargers |
| DC/DC POWER | Cigarette Lighter Style Desk Toy Style |
| TRANSFORMERS | Lam & Ferrite Power Coils Chokes Inductors |
| CUSTOM OEM CABLES | Molded Assembled OBD USB 1394 |
| CUSTOM HARNESES | Built to customer specifications |
| CUSTOM KEYPADS | Molded Rubber Membrane |
| TELCO PRODUCTS | Jacks Cords CAT5 CAT6 |
| POWER CORDS | SPT SJT SVT |
| TURNKEY PRODUCTION & PCB ASSEMBLY | |

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