

### **LM-16-FM-THM-ATM-MOD1**

**Mobile Communication Tower - 10' to 16' - Antenna Mount Pole - 2" OD - Stationary/Mountable**

**Product ID: 153821**

**Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).**



**Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.**

#### **LM-16-FM-THM-ATM-MOD1 16` Two Stage Mobile Communication Tower**

**Length:** 10 feet - 16 feet

**Weight:** +-275 lb

**Capacity:** 150 lb

**Materials:** Steel

**Finish:** Powder Coated - Gloss Blue or Galvanized

**Operation:** (1) 1,200 lb Manual Winch

**Cable:** 3/16" Aircraft Cable

**Mounting:** Standard Trailer Hitch

**Shipping:** Common Freight

**Shipping Dimensions:** 10`L x 4`W x 3`H

**Shipping Weight:** +-325 lb

**Options:** Length- Mounting-Fixtures/ Call Us for Special Requirements

#### **Quick Summary**

10 to 16 Foot Light Mast

Steel Construction

Powder Coated or Galvanized Finish

Removable Mast Head

125 mph Wind Resistance

Manual Operation

24" Tall Antenna Mount (2" OD)

#### **Special Orders - Special Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-903-270-1187

**Fax:** 1-903-498-3364

**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

### **Made in the USA**

**The LM-16-FM-THM-ATM-MOD1 from Larson Electronics is a Portable Communication 2-Stage Tower that provides a safe and effective way for operators to quickly deploy equipment for mobile communication operations. This unit features a heavy-duty mast that can be elevated to 16 feet and an antenna mount pole (located at the top of the tower). The entire assembly can be mounted on trucks/trailers or in a stationary**

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**configuration. When ordering this unit, please select from the following finishes: powder coated or galvanized.**

**\*PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO LIGHT MASTS OR LIGHT TOWERS\***

This telescoping two stage steel light mast from Larson Electronics is designed to allow operators to securely deploy mobile communication systems in temporary locations and remote sites. Where this equipment must be elevated to heights up to 16 feet for effective coverage. The trailer hitch mount design and pair of 1,000 lb adjustable outriggers allow for operators to deploy antennas in remote locations and anywhere a truck or vehicle with a trailer hitch can be driven. This light boom can be extended to 16 feet for maximum area coverage and collapsed to 10 feet for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a lower section 10 feet in length and 4 inches in diameter and an upper section 8 feet in length and 3 inches in diameter with 1 foot of overlap. The mast is elevated using an included 1,200 lb manual winch with 3/16 inch cable. This unit comes with a 24" tall antenna mount pole (OD 2") at the top of the tower.

The LM series of towers are powder coated with glossy blue finish for corrosion resistances and aesthetics. These light masts are mounted to standard trailer hitch mounts found on a variety of vehicles. A 44" wide and 2" by 2" by 1/8" thick mounting plate is attached to the upper section of the mast which provides a strong and stable platform for mounted light fixtures and equipment.

The LM family of telescoping towers feature a proprietary mast guidance system, which provides increased stability during high winds. When lowered to 10 feet, the mast can withstand winds up to 125 mph. The mast can be positioned in one of four different directions, and locked back in place by re-tightening the T-handle. This portable communication tower weighs approximately 275 lb and can easily support and lift 150 lb fixtures. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 10 feet long, 4 feet wide, 3 feet tall and weighs approximately 325 lb. Larson Electronics can custom tailor these units to the customer's requirements with longer sections and different sized trailer hitches. We also offer a choice of electric 2,500lbs winch instead of the 1,200lbs manual winch.

**Suggested Applications:** Temporary lighting, construction sites, and security camera deployment. We can equip this mast with 1000W or 1500W Metal Halide lights or a wide variety of high-powered LED lights with comparable power including the [LED10WSA-160](#), [LEDLB-200X2E](#), [LEDLB-160X2E](#) or [LEDLB-80X2E](#). At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

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## Frequently Asked Questions (FAQ)

**LM-16-FM-THM-ATM-MOD1**

**Product ID: 153821**

**Export Control Classification Number (ECCN): EAR99**

**Options:**

**LM-16-FM-THM-ATM-MOD1-Finish**

**Example: LM-16-FM-THM-ATM-MOD1-PWDC**

| Finish           |       |
|------------------|-------|
| POWDER<br>COATED | -PWDC |
| GALVANIZED       | -GLVD |

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)