

## Non-Penetrating Antenna Flat Roof Mount 34-inch Pole Only



### HGX-FRM-ARM

#### Features

- Easy assembly instructions
- Secondary arm of 2.75 ft
- Powder coated galvanized steel
- All assembly hardware included
- Optional mat for max surface tension/protection

#### Applications

- De-centralized wireless networks (FreedomFi, Helium, POLLEN, XNET, MetaBlox, etc.)
- Scientific and weather instrumentations
- Security camera and instruments
- Wireless or satellite antenna
- Solar panel

#### Description

The HGX-FRM-ARM is a secondary arm used with the L-com HGX-FRM-1 to add more space for additional equipment. This accessory is for the non-penetrating antenna flat roof mounts which have strong and rugged design for antenna installations. The non-anchoring flat roof mount 850 mm (33.5 inch) pole is made of galvanized steel and powder coated to withstand harsh weather and corrosion. Our roof mounts are designed for telecom installers, DIY installers, and satellite dish installers.

The communication antenna pole mount comes in 2.36-inch length, 2.36-inch width and 33.46-inch height. This non-penetrating antenna flat roof mount add-on pole enhances our roof mounts with added versatility to mount additional equipment such as radios, amplifiers, security cameras, solar panels, and more.

The L-com has the largest in-stock selection of non-penetrating antenna flat roof mount pole with same-day shipping for domestic and international orders. Our portfolio includes coaxial cable assemblies, connectors, adapters, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the non-penetrating antenna flat roof mount pole as per your requirement.

Note: Ballast data should be determined by a local professional engineer. Adequate ballast material must be determined and provided by others.

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#### Configuration

Note:

- **Ballast data should be determined by a local professional engineer. Adequate ballast material must be determined and provided by others**
- Prior to installation, verify that the installation, roof material and supporting structures have been investigated and found capable to withstand load
- Place ballast material (i.e., cinder blocks, concrete blocks, etc.) evenly on both side with at least 4 on each side, total 8 blocks per mount approx. 300lbs over all base angles (Estimated Operational Ballast)
- All antenna installations MUST be grounded
- **L-Com RECOMMENDS THAT BALLAST MATERIAL ALWAYS BE PLACED PRIOR TO MOUNTING ANTENNAS AND THAT THE MOUNT BE SECURED TO PREVENT HAZARDS FROM OCCURRING UNDER EXTREME WIND LOADING CONDITION**
- Inspect all bolts and screws for optimal tightness (recommended torque 13-14 lbs-ft.) to ensure there is no loose gaps after installation
- Recommended to use self-tapping screws provided with mount to reduce the loading of the roof if working environment is allowed to drill
- Inspect the mount, antennas, and tightness of nuts at six-month maximum intervals

Operational	50 Km/h (31 mph)	Under recommended Load
Survival	100 Km/h (62 mph)	Under recommended Load

**CONTACT A LOCAL PROFESSIONAL ENGINEER TO DETERMINE PROPER LOADING vs BALLAST WEIGHTS**

Operational: It is workable under 50km/h wind speeds.

Survival: The products may be deformed but will not fly away.

#### Mechanical Specifications

##### Size

Length	2.36 in [59.94 mm]
Width	2.36 in [59.94 mm]
Height	33.46 in [849.88 mm]
Weight	7.7 lbs [3.49 kg]

#### Environmental Specifications

##### Temperature

Operating Range	-40 to +80 deg C
Wind Velocity	31 MPH [49.89KPH]
Plating	Powder Coat

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Material	Galvanized Steel
Package Quantity	1

#### Typical Radiation Pattern

Non-Penetrating Antenna Flat Roof Mount 34-inch Pole Only from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: <https://www.l-com.com/non-penetrating-antenna-flat-roof-mount-34-inch-pole-only-hgx-frm-arm-p.aspx>

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