

Non-Penetrating Flat Roof Mount 60-inch Mast and 34-inch Extra Pole, 2-pole Version, Galvanized Steel with Powder Coating

HGX-FRM-2



Features

- Easy assembly instructions
- Contains Flat roof mount and secondary arm
- 5 ft tall center mast
- Secondary arm of 2.75 ft
- Powder coated galvanized steel
- Operating windspeeds up to 50 KM/h (31 mph)
- Survival windspeeds up to 100 KM/h (62 mph)
- All assembly hardware included
- Optional rubber mat for max surface tension/protection
- Standard 16" x 8" cinder blocks (Not included)

Applications

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

Description

The L-com's HGX-FRM-2 is a non-penetrating antenna flat roof mount which has strong and rugged design for antenna installations. The 2-pole version communication antenna mount has flat roof top mount with 60 inch center mast(HGX-FRM-1) and 34-inch extra arm(HGX-FRM-ARM) for mounts to support more antennas. Our flat roof mount is designed for telecom installers, DIY installers, and satellite dish installers.

The HGX-FRM-2 communication antenna mount operates at windspeeds up to 50 Km/h or 31 MPH and survives at windspeeds up to 100 Km/h or 62 MPH. This non-anchoring roof mount has 60 inch pole and 34 inch pole to support more antennas. The 2-pole version flat roof mount is suitable for wireless internet providers, crypto enterprises, and commercial building owners.

The 2-pole version non-anchoring roof mount is made of galvanized steel and powder coated to withstand harsh weather and corrosion. This flat roof mount doesn't need screws or anchors, which minimizes damage to the roofs. The non-penetrating antenna mount is used for flat roofs and is available with easy assembly instructions.

The L-com has the largest in-stock selection of non-penetrating antenna flat roof mount 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 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.

Non-Penetrating Flat Roof Mount 60-inch Mast and 34-inch Extra Pole, 2-pole Version, Galvanized Steel with Powder Coating

HGX-FRM-2



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	35.33 in [897.38 mm]
Width	35.33 in [897.38 mm]
Height	59.06 in [150.01 cm]
Weight	46.5 lbs [21.09 kg]

Environmental Specifications

Temperature

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

Non-Penetrating Flat Roof Mount 60-inch Mast and 34-inch Extra Pole, 2-pole Version, Galvanized Steel with Powder Coating

HGX-FRM-2



Material
Package Quantity

Galvanized Steel
1

Typical Radiation Pattern

Non-Penetrating Flat Roof Mount 60-inch Mast and 34-inch Extra Pole, 2-pole Version, Galvanized Steel with Powder Coating 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-flat-roof-mount-60-inch-mast-and-34-inch-extra-pole-2-pole-version-galvanized-steel-with-powder-coating-hgx-frm-2-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

Non-Penetrating Flat Roof Mount 60-inch Mast and 34-inch Extra Pole, 2-pole Version, Galvanized Steel with Powder Coating

