

Non-Penetrating Flat Roof Mount with 1 Rubber Mat, 1-pole Version, 60-inch Mast, Galvanized Steel with Powder Coating



HGX-FRM-1-KIT

Features

- Easy assembly instructions
- Contains Flat roof mount and 1 mat
- 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
- 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.)
- Scientific and weather instrumentations
- Wireless or satellite antenna
- Security camera and instruments
- Solar panel

Description

The L-com's HGX-FRM-1-KIT is a non-penetrating flat roof mount kit used for satellite dish and antenna installations. This antenna roof mount kit has a 1 rubber mat (HGX-NPM-MAT) and 1-pole version non-penetrating peak roof mount (HGX-FRM-1). The 1-pole roof mount kit doesn't need screws or anchors, which minimizes damage to the roofs.

This kit comes with a rubber mat that provides the best surface tension and surface protection. The non-penetrating flat roof mount included in this kit is portable and suitable for a range of roof applications. Ballast material (i.e., cinder blocks, concrete blocks, etc.) are used in these non-drill roof mounts anchor to the roof.

The L-com has the largest in-stock collection of flat roof mount kit including 1 rubber mat and 1-pole version 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 roof mount kit 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
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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

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Length	35.33 in [897.38 mm]
Width	35.33 in [897.38 mm]
Height	59.06 in [150.01 cm]
Weight	49.82 lbs [22.6 kg]

Environmental Specifications

Operating Temperature, Min	-40 deg C
Operating Temperature, Max	80 deg C
Wind Velocity	31 MPH [49.89KPH]
Plating	Powder Coat
Material	Galvanized Steel
Package Quantity	1

Non-Penetrating Flat Roof Mount with 1 Rubber Mat, 1-pole Version, 60-inch Mast, 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.

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 impliment 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.

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L-com CAD Drawing

