

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

KP-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.)
- Wireless or satellite antenna
- Scientific and weather instrumentations
- Security camera and instruments
- Solar panel
- WISP (Wireless Internet Service Provider)

Description

The KP Performance KP-FRM-1-KIT is a non-penetrating antenna flat roof mount kit that includes 1 rubber mat (KPPA-NPM-MAT) and 1-pole version non-penetrating antenna flat roof mount (KPPA-FRM-1) that helps in easy installation of satellite dishes and antennas. This kit is used for easy installation of the flat roof mount which is available without pre-assembly.

This kit comes with a rubber mat that provides the best surface tension and surface protection. The 1-pole version non-penetrating antenna flat roof mount has a 60-inch center mast and it is suitable for roof applications. Ballast material (i.e., cinder blocks, concrete blocks, etc.) are used in these non-drill roof mounts to anchor them to the roof.

KP Performance non-penetrating antenna flat roof mount kit is available in stock and ready to ship the same day. Different kits are available with easy buy options for 1-pole version mount kit with detailed step-by-step installation documents. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the perfect non-penetrating antenna flat roof mount kit as per your requirements.

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:
[Non-Penetrating Flat Roof Mount with 1 Rubber Mat, 1-pole Version, 60-inch Mast, Galvanized Steel with Powder Coating](#)

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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
- **KP Performance Antennas 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 | 49.82 lbs [22.6 kg] |

Environmental Specifications

| | |
|----------------------------|-----------|
| Operating Temperature, Min | -40 deg C |
| Operating Temperature, Max | 80 deg C |

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| | |
|------------------|-------------------|
| Wind Velocity | 31 MPH [49.89KPH] |
| Plating | Powder Coat |
| Material | Galvanized Steel |
| Package Quantity | 1 |

Dedicated to serving the needs of the Wireless Internet Service Provider (WISP) market, KP Performance Antennas offers purpose built products that reliably perform in the field. KP Performance Antennas product line consists of Yagi, Grid, Omni, Dish and other style antennas that operate in the 900 MHz, 2.4 GHz, 3 GHz, and 5 GHz frequencies.

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URL: <https://www.kpperformance.com/non-penetrating-flat-roof-mount-with-1-rubber-mat-1-pole-version-60-inch-mast-galvanized-steel-with-powder-coating-kp-frm-1-kit-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 impliment improvements. KP Performance reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. KP Performance does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and KP Performance does not assume liability arising out of the use of any part or document.

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CAD Drawing

