

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

### KP-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
- 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-2 non-penetrating antenna flat roof mount is available for antenna installations, and it is easy to transport. The 2-pole version communication antenna mount has flat roof top mount with 60 inch center mast (KPPA-FRM-1) and 34-inch extra arm (KPPA-FRM-ARM). This non-penetrating mount has a strong and rugged design made up of galvanized steel.

The KP-FRM-2 non-penetrating mount has operating windspeeds up to 50 Km/h or 31 MPH and survival windspeeds up to 100 Km/h or 62 MPH. This 2-pole version roof mount has a powder coating to withstand harsh climates and corrosion. Our NPM mount is used for flat roofs and is available with easy assembly instructions.

This KP-FRM-2 non-penetrating antenna flat roof mount is suitable for telecom installers, DIY installers, satellite dish installers, wireless internet providers, crypto enterprises, and commercial building owners. 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 has one of the largest in-stock selection of non-penetrating antenna flat roof mount for international and domestic orders. Make your online purchase right now to take advantage of our same-day shipping. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the perfect 2-pole version non-penetrating antenna flat roof mount for 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 60-inch Mast and 34-inch Extra Pole, 2-pole Version, 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**

<b>Size</b>	
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**

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-60-inch-mast-and-34-inch-extra-pole-2-pole-version-galvanized-steel-with-powder-coating-kp-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 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

