

## Non-Penetrating Flat Roof Mount 60-inch Mast, 34-inch Extra Pole and 1 Rubber Mat, 2-pole Version, Galvanized Steel with Powder Coating



### FMFRM2-KIT

#### Features

- Easy assembly instructions
- Contains Flat roof mount, secondary arm 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
- 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

Fairview Microwave's FMFRM2-KIT is a non-penetrating antenna flat roof mount kit has 2-pole version non-penetrating flat roof mount (FMFRM2) which includes the 60-inch(FMFRM1) and 34-inch poles(FMFRMARM) and 1 rubber mat (FMNPMMAT) 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 non-penetrating antenna 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 to anchor them to the roof.

Fairview Microwave 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 2-pole version non-penetrating antenna flat roof 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

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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
- **Fairview Microwave 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	59.84 in [151.99 cm]
Width	9.44 in [239.78 mm]
Height	11.8 in [299.72 mm]
Weight	57.52 lbs [26.09 kg]

**Environmental Specifications**

**Temperature**

Operating Range	-40 to +80 deg C
Wind Velocity	31 MPH [49.89KPH]
Plating	Powder Coat
Material	Galvanized Steel
Package Quantity	1

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#### Typical Radiation Pattern

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For additional information on this product, please click the following link: [Non-Penetrating Flat Roof Mount 60-inch Mast, 34-inch Extra Pole and 1 Rubber Mat, 2-pole Version, Galvanized Steel with Powder Coating](https://www.fairviewmicrowave.com/non-penetrating-flat-roof-mount-60-inch-mast-34-inch-extra-pole-and-1-rubber-mat-2-pole-version-galvanized-steel-with-powder-coating-fmfrm2-kit-p.aspx)

URL: <https://www.fairviewmicrowave.com/non-penetrating-flat-roof-mount-60-inch-mast-34-inch-extra-pole-and-1-rubber-mat-2-pole-version-galvanized-steel-with-powder-coating-fmfrm2-kit-p.aspx>

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# CAD Drawing

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