

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



FMFRM1-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
- 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 FMFRM1-KIT is a non-penetrating antenna flat roof mount kit that includes 1 rubber mat (FMNPMMAT) and 1-pole version non-penetrating antenna flat roof mount (FMFRM1) 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 peak 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.

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 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

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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	8.8 in [223.52 mm]
Height	9.44 in [239.78 mm]
Weight	49.82 lbs [22.6 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 with 1 Rubber Mat, 1-pole Version, 60-inch Mast, Galvanized Steel with Powder Coating](https://www.fairviewmicrowave.com/non-penetrating-flat-roof-mount-with-1-rubber-mat-1-pole-version-60-inch-mast-galvanized-steel-with-powder-coating-fmfrm1-kit-p.aspx)

URL: <https://www.fairviewmicrowave.com/non-penetrating-flat-roof-mount-with-1-rubber-mat-1-pole-version-60-inch-mast-galvanized-steel-with-powder-coating-fmfrm1-kit-p.aspx>

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CAD Drawing

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