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> High Gain 4x4 MIMO 5G External Wide-Band Antenna Kit with 20ft Low Loss Cable Signal Booster for 4G LTE 5G Cellular Hotspots, Routers, Gateways, Verizon, AT&T, T-Mobile Home Internet, Eifagur MIMO Panel Antenna

## eifagur EF-6666

# High Gain 4x4 MIMO 5G External Wide-Band Antenna Kit User Manual

Model: EF-6666 | Brand: eifagur

## INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your eifagur High Gain 4x4 MIMO 5G External Wide-Band Antenna Kit. This system is designed to significantly enhance cellular connectivity for 4G LTE and 5G devices, including hotspots, routers, and home internet gateways, by boosting signal strength and data speeds.

The kit is compatible with major cellular carriers such as Verizon, AT&T, and T-Mobile, making it an ideal solution for improving network performance in areas with weak or inconsistent signal coverage.

## KIT CONTENTS

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Please verify that all components listed below are present in your package before proceeding with installation.



This image displays the main components of the eifagur High Gain 4x4 MIMO 5G External Wide-Band Antenna Kit, including the white panel antenna and its four integrated cables, alongside a coiled bundle of the four 20ft low-loss

extension cables.

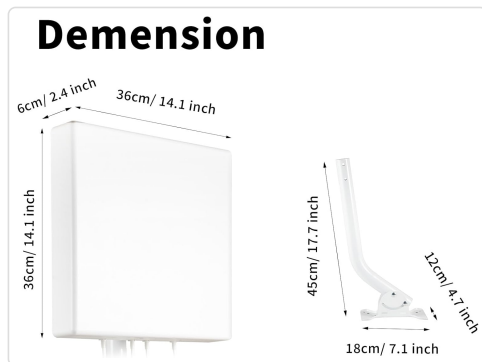


This image displays the complete contents of the eifagur High Gain 4x4 MIMO 5G External Wide-Band Antenna Kit. It includes the main 4x4 MIMO Panel Antenna, a J-Mount for installation, a 20ft LRS240 Quad Cable for connectivity, and a bracket with U-bolts for secure mounting.

- **1x** 4x4 MIMO Panel Antenna (600-6000MHz)
- **1x** J-Mount
- **4x** 20ft KSR240 Low-Loss Cables (N Male to SMA Male connectors)
- **1x** Mounting Bracket with U-bolts and hardware

## SPECIFICATIONS

Detailed technical specifications for the eifagur 4x4 MIMO 5G External Wide-Band Antenna Kit.



This diagram illustrates the physical dimensions of the MIMO Panel Antenna and its accompanying J-Mount. The antenna measures approximately 36cm (14.1 inches) in both width and height, with a depth of 6cm (2.4 inches). The J-Mount is approximately 45cm (17.7 inches) tall with a base width of 18cm (7.1 inches) and a top width of 12cm (4.7 inches).

Feature	Description
Frequency Range	600 - 6000 MHz
Gain	9 dBi
Direction	Directional
Antenna Connector	N Female
Cable Type	KSR240 Low-Loss Cable

Cable Length	4x 20ft (6.1 meters)
Cable Connectors	N Male to SMA Male
Impedance	50 Ohm
Dimensions (Antenna)	15"L x 15"W x 5"H (approx. 38cm x 38cm x 12.7cm)
Weight	12.67 pounds (approx. 5.75 kg)
Compatibility	4G LTE, 5G Cellular Hotspots, Routers, Gateways (Verizon, AT&T, T-Mobile)

## SETUP AND INSTALLATION

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Proper installation is crucial for optimal performance. Follow these steps carefully.

### 1. Site Selection

Choose an outdoor location for the antenna that offers the clearest line of sight to your nearest cellular tower. Higher elevations and unobstructed views are preferred. The antenna is designed for outdoor use and is waterproof.

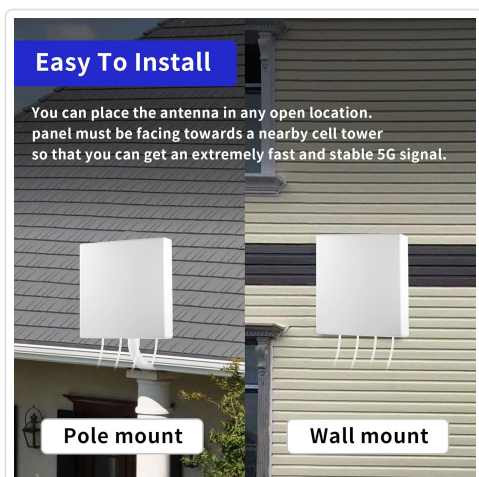


This image demonstrates the antenna's waterproof and all-weather capabilities, showing it exposed to rain on a rooftop. This highlights its suitability for outdoor installation in various weather conditions.

Consider the cable length (20ft per cable) when selecting the antenna's position relative to your router or gateway.

### 2. Mounting the Antenna

The antenna can be mounted on a pole or directly to a wall using the provided J-Mount and bracket.



This image illustrates two common installation methods: pole mount and wall mount. The antenna can be securely attached to an existing pole or directly to a building's exterior wall, providing flexibility for placement.

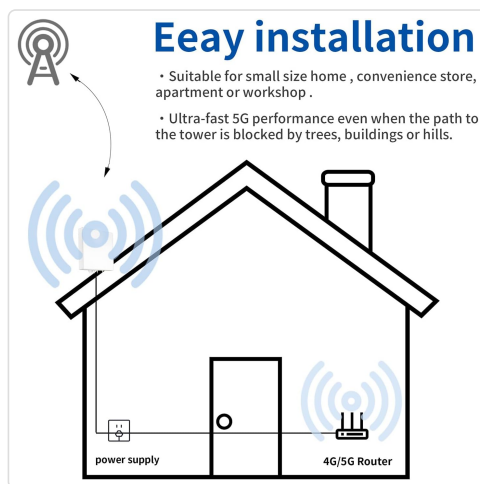
1. Assemble the J-Mount and attach the antenna to it using the provided hardware.
2. Secure the J-Mount to your chosen pole or wall using the bracket and U-bolts. Ensure it is firmly tightened to withstand wind and weather.
3. Orient the antenna panel to face the direction of the nearest cellular tower for optimal signal reception.



This image shows the eifagur antenna successfully mounted on a pole outside a residential building, demonstrating a typical outdoor installation scenario. The antenna's rear mounting plate and hardware are visible.

### 3. Cable Connection

Connect the four 20ft KSR240 low-loss cables from the N-Female connectors on the antenna to the SMA-Male ports on your 4G/5G router or gateway. Ensure all connections are secure and hand-tightened.



This diagram illustrates the connection flow for the antenna system. The external antenna connects via cables to a 4G/5G router, which in turn connects to a power supply. This setup enables the router to receive enhanced cellular signals from the antenna.

Route the cables carefully to avoid kinks or damage, and use cable ties or clips to secure them along their path.

## OPERATING INSTRUCTIONS

Once installed, the antenna system operates passively to enhance your cellular signal.

- Ensure your 4G/5G router or gateway is powered on and configured correctly for external antenna use, if applicable. Refer to your router's manual for specific settings.
- The 4x4 MIMO technology utilizes multiple data streams to improve signal strength, reduce latency, and stabilize

connections.

- Monitor your device's signal strength indicator. You should observe a significant improvement in signal bars and data speeds after proper installation and orientation.



This image visually represents the benefits of using the eifagur antenna system. It highlights key improvements such as faster reception, reduced latency, and enhanced stabilization of cellular signals, leading to a more reliable internet connection.

For best results, fine-tune the antenna's direction by making small adjustments and observing the signal strength on your connected device.

## MAINTENANCE

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The eifagur antenna kit is designed for durability and requires minimal maintenance.

- **Periodic Inspection:** Annually inspect the antenna, mounting hardware, and cables for any signs of wear, corrosion, or damage. Ensure all connections remain secure.
- **Cleaning:** If necessary, gently clean the antenna surface with a soft, damp cloth to remove dirt or debris. Do not use harsh chemicals or abrasive materials.
- **Cable Integrity:** Check that cables are not kinked, pinched, or exposed to excessive strain. Replace any damaged cables immediately to maintain performance.

## TROUBLESHOOTING

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If you experience issues with your antenna system, refer to the following common problems and solutions.

Problem	Possible Solution
No signal improvement	<ul style="list-style-type: none"><li>◦ Verify antenna orientation towards the cellular tower.</li><li>◦ Check all cable connections for tightness and proper seating.</li><li>◦ Ensure your router/gateway is configured to use external antennas.</li><li>◦ Confirm cables are not damaged.</li></ul>
Intermittent signal	<ul style="list-style-type: none"><li>◦ Check for loose cable connections.</li><li>◦ Ensure antenna is securely mounted and not swaying.</li><li>◦ Consider environmental factors like heavy rain or snow affecting signal.</li></ul>

Slow data speeds	<ul style="list-style-type: none"><li>◦ Re-orient the antenna for a stronger signal.</li><li>◦ Ensure no obstructions (trees, buildings) have grown or moved into the line of sight.</li><li>◦ Check for other network congestion issues unrelated to the antenna.</li></ul>
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If problems persist, please contact eifagur customer support for further assistance.

## WARRANTY AND SUPPORT

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eifagur stands behind the quality of its products. For any concerns or issues, please refer to the following:

- **Warranty Information:** Please refer to the warranty card included with your product or visit the official eifagur website for detailed warranty terms and conditions.
- **Customer Support:** If you have questions regarding installation, operation, or troubleshooting that are not covered in this manual, please contact eifagur customer support. We aim to reply within 24 hours.
- **Contact Information:** For the most up-to-date contact details, please visit the [eifagur Store on Amazon](#) or the official eifagur website.