

goobay 67510

Goobay 67510 LTE/4G Blocking Filter User Manual

1. INTRODUCTION AND PRODUCT OVERVIEW

The Goobay 67510 LTE/4G Blocking Filter is designed to enhance DVB-T (Digital Video Broadcasting – Terrestrial) reception by filtering out unwanted interference from LTE (4G) mobile signals. This filter ensures a clearer and more stable television signal, particularly in areas where LTE/4G transmissions may overlap with DVB-T frequencies. It is a passive device, requiring no external power, and is built for durability in outdoor environments.

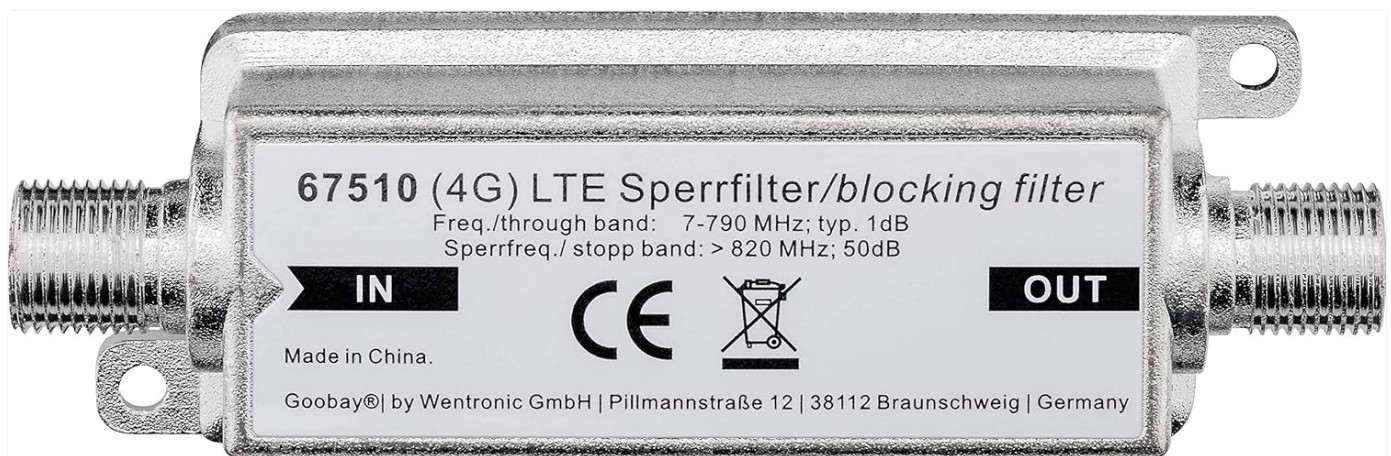


Image 1: The Goobay 67510 LTE/4G Blocking Filter, showing the 'IN' and 'OUT' ports for connection.

2. SETUP AND INSTALLATION

Follow these steps to correctly install your Goobay 67510 LTE/4G Blocking Filter:

- 1. Identify Connection Points:** Locate the coaxial cable connecting your DVB-T antenna to your television or DVB-T receiver.
- 2. Disconnect Cable:** Carefully disconnect the coaxial cable from your DVB-T receiver or the point where you intend to insert the filter.
- 3. Connect Filter:** The filter has two F-female connectors, labeled 'IN' and 'OUT'. Connect the coaxial cable coming from your antenna to the 'IN' port of the filter.
- 4. Connect to Receiver:** Connect a new coaxial cable (or the existing one if it reaches) from the 'OUT' port of the filter to

your DVB-T receiver or television's antenna input.

- 5. **Secure Connections:** Ensure all F-connectors are securely tightened to prevent signal loss and maintain the waterproof integrity of the filter, especially if installed outdoors.
- 6. **Positioning:** For optimal performance, install the filter as close as possible to the antenna. The filter is designed for outdoor use and is waterproof.

Note: This filter is designed to block specific frequency ranges. Ensure your DVB-T signals are within the filter's pass-through range (5 MHz to 790 MHz) and that LTE/4G interference is within its blocking range (790 MHz to 2050 MHz).

3. OPERATING INSTRUCTIONS

The Goobay 67510 LTE/4G Blocking Filter is a passive component and does not require any active operation once installed. It continuously filters out unwanted LTE/4G signals from your DVB-T antenna feed. After installation, you may need to perform a channel scan on your DVB-T receiver or television to detect improved signal quality and available channels.

4. MAINTENANCE

The Goobay 67510 LTE/4G Blocking Filter requires minimal maintenance due to its robust and waterproof design. To ensure continued optimal performance:

- Periodically inspect all coaxial cable connections to ensure they remain tight and free from corrosion.
- Check the filter and cables for any visible physical damage, especially if installed outdoors.
- Clean the exterior of the filter with a soft, damp cloth if it becomes dirty. Do not use harsh chemicals or abrasive materials.

5. TROUBLESHOOTING

If you experience issues after installing the LTE/4G blocking filter, consider the following troubleshooting steps:

- **No Signal or Poor Reception:**
 - Verify that all coaxial cable connections are secure and correctly attached to the 'IN' and 'OUT' ports of the filter.
 - Ensure the antenna is properly aimed and free from obstructions.
 - Perform a new channel scan on your DVB-T receiver or television.
 - Temporarily bypass the filter to determine if the issue is with the filter itself or other components of your antenna system.
- **Signal Still Affected by Interference:**
 - Confirm that the interference you are experiencing is indeed from LTE/4G signals operating within the filter's blocking band (790 MHz to 2050 MHz). Other types of interference may not be resolved by this filter.
 - Ensure the filter is installed as close to the antenna as possible to minimize the length of cable susceptible to interference before filtering.

Important: This device is a filter, not an amplifier. It will not boost a weak signal. Its purpose is to remove specific interference to clarify an existing signal.

6. SPECIFICATIONS

Model Number	67510 (Item Number: 67150)
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Brand	goobay
Frequency Range (Pass-through)	5 MHz to 790 MHz
Reduced Band	790 MHz to 2050 MHz
Blocking Depth	-50 dB
Insertion Loss	Very low (DC pass)
Connection Type	F-Female
Cable Type	Coaxial
Special Feature	Waterproof
Recommended Use	Improvement of DVB-T reception in areas with LTE activity
Usage Environment	Outdoor
Origin	Germany

7. WARRANTY INFORMATION

Specific warranty details for the Goobay 67510 LTE/4G Blocking Filter are not provided in this manual. Please refer to the official Goobay website or contact your retailer for detailed warranty terms and conditions.

8. SUPPORT

For technical assistance, product inquiries, or further support regarding your Goobay 67510 LTE/4G Blocking Filter, please visit the official Goobay website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question