

Televes 404401

Televes 404401 LTE HR Filter Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Televes 404401 LTE HR Filter. This device is designed to eliminate interference from LTE/4G mobile signals, which can disrupt television reception, ensuring a clear and stable signal for your viewing experience.

2. SAFETY INFORMATION

- Ensure all connections are secure to prevent signal loss or electrical hazards.
- Do not expose the filter to extreme temperatures, moisture, or direct sunlight.
- Handle the device with care to avoid physical damage.
- This product contains electronic components. Do not attempt to open or repair the device yourself. Refer to qualified personnel for service.
- Dispose of the product responsibly at the end of its life cycle, following local regulations for electronic waste. The crossed-out wheeled bin symbol indicates that the product must be disposed of separately from household waste.

3. PRODUCT OVERVIEW

The Televes 404401 is a high-rejection (HR) filter specifically engineered to block unwanted signals from the 800 MHz LTE/4G band, which can cause pixelation, signal loss, or other reception issues on television channels. It operates within the 47-782 MHz frequency range, covering TV channels up to C59, and uses a standard CEI connector for easy integration into existing antenna systems.



This image displays the Televes 404401 LTE HR Filter, a compact metallic device. The label on the filter clearly indicates 'Televes', '404401 LTE/4G FILTER', 'CONSUMER CHANNEL 59', and 'SN-12122222266661'. It also features the CE mark, WEEE symbol, and the 'at 800' logo, signifying its function in filtering 800 MHz LTE signals. The filter has a coaxial connector on one end.

4. SETUP

Follow these steps to install the Televes 404401 LTE HR Filter:

1. **Identify the Connection Point:** The filter should be installed in the coaxial cable path between your antenna and your television or set-top box. For optimal performance, install it as close to the antenna as possible, before any signal amplifiers or splitters.
2. **Disconnect Power:** Before making any connections, ensure that your television and any associated signal amplifiers are powered off and unplugged from the mains electricity supply.
3. **Connect the Antenna Cable:** Take the coaxial cable coming from your antenna and connect it to one end of the Televes 404401 filter. Ensure the CEI connector is firmly screwed or pushed into place.
4. **Connect to TV/Set-top Box:** Take a new coaxial cable (or the existing one if it reaches) and connect one end to the other side of the Televes 404401 filter. Connect the other end of this cable to the antenna input of your television or set-top box.
5. **Secure Connections:** Verify that both connections to the filter are tight and secure to prevent signal leakage or degradation.
6. **Restore Power:** Plug in and power on your television and any other connected equipment.
7. **Rescan Channels:** Perform a channel rescan on your television or set-top box to allow it to detect available channels with the new filter in place. This may be necessary to fully benefit from the improved signal quality.

5. OPERATING INSTRUCTIONS

The Televes 404401 LTE HR Filter is a passive device and does not require any active operation once

installed. It functions automatically to filter out unwanted LTE/4G signals from your antenna feed. Once properly installed, you should experience improved television reception, particularly if you were previously affected by mobile broadband interference.

6. MAINTENANCE

- **Cleaning:** The filter requires minimal maintenance. If necessary, gently wipe the exterior with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Inspection:** Periodically check the coaxial cable connections to ensure they remain secure and free from corrosion.
- **Environmental Conditions:** Ensure the filter is not exposed to harsh weather conditions if installed outdoors, unless housed in a suitable weatherproof enclosure.

7. TROUBLESHOOTING

- **Still experiencing interference:**
 - Verify all coaxial connections are tight and correctly installed.
 - Ensure the filter is placed correctly in the signal path (ideally before any amplifiers).
 - Confirm that the interference is indeed from LTE/4G signals. Other sources of interference may require different solutions.
 - Try rescanning channels on your TV or set-top box.
- **No signal or worse signal after installation:**
 - Check all cable connections for looseness or incorrect wiring.
 - Ensure the filter itself is not faulty by temporarily bypassing it to see if the signal returns.
 - Confirm that the filter is compatible with your specific TV channels (this filter supports up to C59).
- If problems persist, consult a professional antenna installer or contact Televes customer support.






8. SPECIFICATIONS

- **Model:** Televes 404401
- **Type:** LTE/4G HR Filter
- **Frequency Range:** 47-782 MHz (Channels C21-59)
- **Connector Type:** CEI
- **Dimensions (L x W x H):** Approximately 6.5 x 3.3 x 2.5 cm
- **Weight:** Approximately 80 grams
- **Serial Number (Example):** SN-12122222266661
- **Manufacturer:** Televes

9. WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided at the point of purchase or visit the official Televes website. For technical support or further assistance, please contact Televes customer

Related Documents - 404401

<div><div>Televes</div><div><p>embellecedor branco com tomada de RJ45 2 conectores TV/R-SAT + DATA</p><p>Modelo: 527402</p><p>Referência: 527402-01</p></div><div><table><tr><td>Características</td><td>Descrição</td></tr><tr><td>Material</td><td>Plástico</td></tr><tr><td>Cor</td><td>Branco</td></tr><tr><td>Dimensões (mm)</td><td>100 x 100 x 100</td></tr><tr><td>Peso (g)</td><td>100</td></tr><tr><td>Temperatura de operação (°C)</td><td>-10 a 50</td></tr><tr><td>Umidade relativa (%)</td><td>10 a 90</td></tr></table></div><div><p>• Montagem em parede ou em rack</p><p>• Montagem em parede com parafusos</p><p>• Montagem em rack com parafusos</p></div></div>	Características	Descrição	Material	Plástico	Cor	Branco	Dimensões (mm)	100 x 100 x 100	Peso (g)	100	Temperatura de operação (°C)	-10 a 50	Umidade relativa (%)	10 a 90	<p>Televes White Embellisher with RJ45 2 Connectors: TV/R-SAT + DATA (Ref. 527402)</p> <p>Detailed information on the Televes white embellisher with RJ45 2 connectors for TV/R-SAT and DATA. Includes product features, physical specifications, and installation guide.</p>
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<div><div>Televes</div><div><p>RJ45 female connector Cat 6A for data cables. Keystone outlet compatible.</p><p>Modelo: 527403</p><p>Referência: 527403-01</p></div><div><table><tr><td>Características</td><td>Descrição</td></tr><tr><td>Material</td><td>Plástico</td></tr><tr><td>Cor</td><td>Branco</td></tr><tr><td>Dimensões (mm)</td><td>100 x 100 x 100</td></tr><tr><td>Peso (g)</td><td>100</td></tr><tr><td>Temperatura de operação (°C)</td><td>-10 a 50</td></tr><tr><td>Umidade relativa (%)</td><td>10 a 90</td></tr></table></div><div><p>• Montagem em parede ou em rack</p><p>• Montagem em parede com parafusos</p><p>• Montagem em rack com parafusos</p></div></div>	Características	Descrição	Material	Plástico	Cor	Branco	Dimensões (mm)	100 x 100 x 100	Peso (g)	100	Temperatura de operação (°C)	-10 a 50	Umidade relativa (%)	10 a 90	<p>Televes RJ45 Female Connector Cat 6A FTP - Technical Specifications and PoE Guide</p> <p>Detailed information on the Televes RJ45 female connector, Cat 6A FTP, Keystone outlet compatible. Includes technical specifications, packaging details, and a comprehensive explanation of Power over Ethernet (PoE) technology and its applications.</p>
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<div><div>Televes</div><div><p>Kit Fibras F.O. com keystone, adaptador e patchcord pré-conectorizado SC/APC</p><p>Modelo: 233241</p><p>Referência: 233241-01</p></div><div><table><tr><td>Características</td><td>Descrição</td></tr><tr><td>Material</td><td>Plástico</td></tr><tr><td>Cor</td><td>Branco</td></tr><tr><td>Dimensões (mm)</td><td>100 x 100 x 100</td></tr><tr><td>Peso (g)</td><td>100</td></tr><tr><td>Temperatura de operação (°C)</td><td>-10 a 50</td></tr><tr><td>Umidade relativa (%)</td><td>10 a 90</td></tr></table></div><div><p>• Montagem em parede ou em rack</p><p>• Montagem em parede com parafusos</p><p>• Montagem em rack com parafusos</p></div></div>	Características	Descrição	Material	Plástico	Cor	Branco	Dimensões (mm)	100 x 100 x 100	Peso (g)	100	Temperatura de operação (°C)	-10 a 50	Umidade relativa (%)	10 a 90	<p>Televes Fiber Optic Outlet Kit with Keystone, Adapter, and SC/APC Pre-connectorized Patchcord (Ref. 233241)</p> <p>This document details the Televes Fiber Optic Outlet Kit (Ref. 233241), a complete solution for installing a connectorized fiber optic outlet. It includes a keystone module, an SC/APC female fiber optic adapter, and a pre-connectorized monomode fiber optic patchcord. The kit is designed for easy installation, reduced signal attenuation, and efficient use of space in conduits.</p>
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With its wide frequency range, MOSAIQ6 can analyze signals from 10 kHz to 1 GHz. It also features a built-in antenna and a USB port for data transfer.

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- Wide frequency range
- Built-in antenna
- USB port for data transfer
- High resolution
- Low noise floor
- Fast acquisition time
- Small size and weight
- Easy to use
- High accuracy
- Low cost

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Przegląd przenośnego analizatora widma Televes MOSAIQ6, jego zaawansowanych funkcji, możliwości pomiarowych dla sygnałów DVB, IPTV, Wi-Fi, optycznych oraz szczegółowych specyfikacji technicznych.