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BINGFU TOA015UK

BINGFU DAB Car Antenna Adapter

MODEL: TOA015UK - SMA FEMALE TO F MALE RF CONVERTER

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your BINGFU DAB Car Antenna Adapter. This adapter set facilitates the connection between devices with SMA female ports and F male ports, commonly used in automotive DAB/FM/AM radio systems. Please read this manual thoroughly before use to ensure optimal performance and safety.

Safety Information

- Ensure all power to connected devices is off before installing or removing the adapter.
- Avoid excessive force when connecting or disconnecting the adapters to prevent damage to the connectors or connected equipment.
- Do not expose the adapters to extreme temperatures, moisture, or corrosive environments.
- Keep out of reach of children.

Package Contents

- 2 x BINGFU SMA Female to F Male RF Adapters

Specifications

Product Type	RF Adapter
Connection Type	SMA Female to F Male
Impedance	50 Ohm

Material	Nickel Plated Brass
Dimensions (L x W x H)	10 x 10 x 10 mm (approximate)
Weight	0.02 kg (per set)
Model Number	TOA015UK

Setup

The BINGFU DAB Car Antenna Adapter is designed for straightforward connection between compatible RF components. Follow these steps for proper installation:

- 1. Identify Connector Types:** Determine the connector type on your antenna cable and the device (e.g., car radio, tuner) you wish to connect. This adapter converts an SMA female connection to an F male connection.
- 2. Prepare Connections:** Ensure both the antenna cable and the device's port are clean and free from debris.
- 3. Connect the Adapter:**



Image: This image displays the BINGFU RF adapter, clearly labeling the SMA Female end and the F Male end, illustrating the two distinct connector types on the adapter.

Carefully screw the SMA male end of the adapter into the SMA female port of your antenna cable or device. Hand-tighten only; do not overtighten.

4. **Connect to Device:**



Image: This image shows two BINGFU RF adapters, highlighting their metallic construction and gold-plated inner pins, ready for connection.

Once the adapter is securely attached to the SMA female port, connect the F female end of the adapter to the F male port on your radio or tuner. Again, hand-tighten to ensure a snug fit without overtightening.

5. **Verify Connection:** Gently tug on the connections to ensure they are secure. A stable connection is crucial for optimal signal transmission.

Operating

Once the BINGFU DAB Car Antenna Adapter is correctly installed, it functions as a passive converter, allowing signal transmission between the connected components. No specific operational steps are required for the adapter itself. The operation of your radio or tuner will proceed as normal, now utilizing the adapted antenna connection.

Maintenance

The BINGFU DAB Car Antenna Adapter requires minimal maintenance. To ensure longevity and reliable performance:

- **Cleaning:** Periodically inspect the connectors for dust or dirt. Use a soft, dry cloth to gently wipe the exterior. Avoid using liquid cleaners or solvents.
- **Inspection:** Check for any signs of physical damage, such as bent pins or cracked housing. If damage is observed, replace the adapter.
- **Storage:** When not in use, store the adapters in a clean, dry environment away from direct sunlight and extreme temperatures.

Troubleshooting

If you experience issues after installing the adapter, consider the following troubleshooting steps:

- **No Signal or Poor Reception:**
 - Ensure all connections (antenna to adapter, adapter to device) are secure and fully tightened.
 - Check if the correct adapter type is being used for your specific antenna and device ports.
 - Inspect the antenna cable and device ports for any damage or corrosion.
 - Test with a different antenna or device if possible to isolate the issue.
- **Loose Connection:**
 - Hand-tighten the adapter connections. Avoid using tools that could overtighten and damage the threads.
 - Ensure the adapter is fully seated on both ends.

Warranty and Support

BINGFU products are manufactured to high-quality standards. For warranty information or technical support, please refer to the documentation provided with your original purchase or contact your retailer. Please have your product model number (TOA015UK) and purchase details ready when contacting support.