Chaowei CW3C2V15F

Chaowei TV Antenna Extension Coaxial Cable User Manual

Model: CW3C2V15F

1. INTRODUCTION

Thank you for choosing the Chaowei TV Antenna Extension Coaxial Cable. This 15-foot cable, equipped with F-type connectors and an included coaxial coupler, is designed to extend the reach of your digital TV antenna, satellite cable, or other devices utilizing F-type ports. It provides a reliable connection for optimal signal transmission.

2. PRODUCT FEATURES

- **75 OHM 3C-2V Coaxial A/V Cable:** Ensures high-quality signal transmission.
- **Nickel-Plated F-Type Male Connectors:** Provides secure and corrosion-resistant connections.
- **Versatile Connectivity:** Connects TVs, VCRs, cable modems, satellite receivers, off-air antennas, and other devices with F-type ports.
- **Durable Construction:** Manufactured from triple-shielded coaxial cable, suitable for both outdoor and indoor use, featuring a flexible PVC outer layer.
- **Optimal Length:** 15 feet (approximately 4.57 meters) long, providing ample extension.
- **Included Coaxial Coupler:** Allows for easy connection of two F-type cables to extend overall length.

3. SETUP AND INSTALLATION

Follow these steps to properly set up and install your Chaowei Coaxial Extension Cable:

1. **Identify Connection Points:** Locate the F-type coaxial ports on your devices (e.g., TV, antenna, cable modem). These ports are typically threaded.

2. **Connect the Cable:**

   Screw one end of the Chaowei 15ft coaxial cable into the F-type output port of your antenna or existing cable. Ensure the connection is finger-tight to secure the signal.

Image: Close-up view of the F-type male connectors on the Chaowei coaxial cable.

3. **Utilize the Coaxial Coupler (if needed):**

If you need to extend an existing coaxial cable, use the included coaxial coupler. Screw one end of your existing cable into one side of the coupler, and then screw one end of the Chaowei extension cable into the other side of the coupler.

Image: A coaxial coupler used to connect two F-type coaxial cables, extending their combined length.

Image: The Chaowei coaxial cable shown with the included coupler, demonstrating how it can be used for extension.

4. **Connect to Receiving Device:**
   Screw the remaining free end of the Chaowei coaxial cable (or the extended cable assembly) into the F-type input port of your television, cable modem, or other receiving device.

Image: A hand connecting the F-type coaxial cable to the 'Antenna/Cable In' port on the back of a television.

5. **Ensure Secure Connections:** Verify that all connections are snug and secure to prevent signal loss or interference. Avoid over-tightening.

Universal Compatibility

This cable is designed for broad compatibility with various devices that use F-type coaxial connections, including:

Image: Diagram illustrating universal compatibility with HDTV, Outdoor Antenna, CATV, Cable Modem, Coaxial Splitter, and Cable Settop Box.

Installation Examples

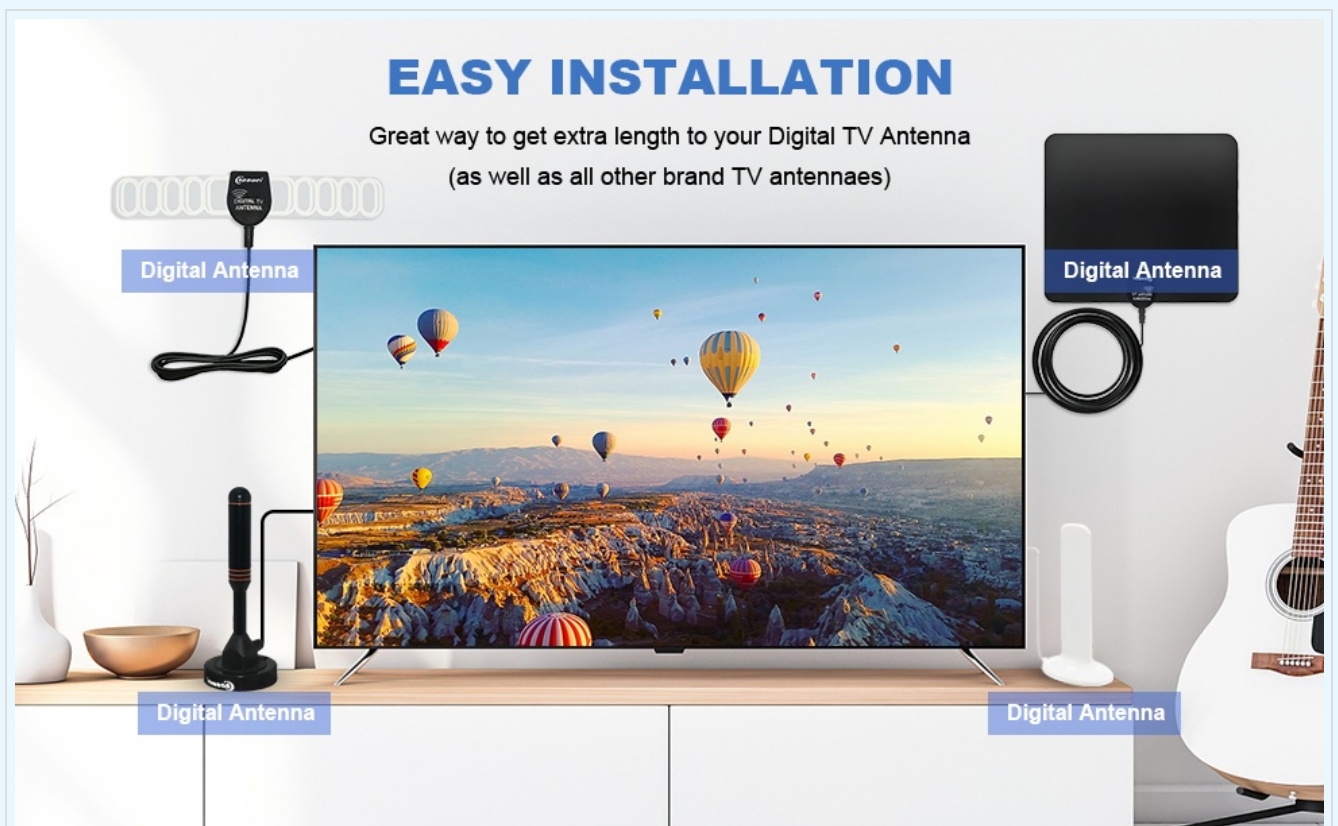The extension cable provides flexibility for antenna placement:

Image: An illustration showing how the extension cable can be used to position digital antennas in various locations around a television setup.

Image: A setup demonstrating the use of the 15ft extension coaxial cable to connect an antenna placed near a window to a set-top box and TV.

4. OPERATING INSTRUCTIONS

Once the cable is securely connected, its operation is passive. The cable facilitates the transmission of signals between your devices. For optimal performance:

- Ensure all F-type connectors are fully threaded and snug.
- If using with a digital TV antenna, perform a channel scan on your television after connecting the cable to detect available broadcasts. Refer to your TV's user manual for specific channel scanning instructions.
- Avoid placing the cable near sources of strong electromagnetic interference, though its triple shielding provides good protection.

5. MAINTENANCE

To ensure the longevity and optimal performance of your coaxial cable:

- **Cleaning:** Periodically wipe the cable and connectors with a soft, dry cloth to remove dust or dirt. Do not use liquid cleaners directly on the connectors.
- **Handling:** Avoid sharp bends, kinks, or excessive pulling on the cable, as this can damage the internal conductors and shielding.
- **Storage:** When not in use, coil the cable loosely. Store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect the cable and connectors for any signs of wear, damage, or corrosion. Replace the cable if significant damage is observed.

Image: Cross-section diagram illustrating the triple-shielded construction of the coaxial cable, including copper wire, dielectric, foil shield, braided shield, and PVC jacket.

6. TROUBLESHOOTING

If you experience issues with signal quality or connectivity, consider the following:

- **No Signal or Poor Signal:**

    - **Check All Connections:** Ensure both ends of the extension cable and any couplers are securely and fully threaded into their respective ports. A loose connection is a common cause of signal issues.
    - **Inspect Cable for Damage:** Look for any visible kinks, cuts, or severe bends in the cable that could disrupt the signal.
    - **Test Without Extension:** If possible, temporarily connect your antenna or source device directly to your TV without the extension cable to determine if the issue lies with the extension cable itself.
    - **Rescan Channels:** For TV antennas, perform a new channel scan on your television after verifying connections.

- **Interference:**

    - While the cable is triple-shielded, strong electromagnetic interference from other electronics can still affect signal quality. Try to route the cable away from power cords, Wi-Fi routers, and other electronic devices.

7. SPECIFICATIONS

Attribute	Value
Model Number	CW3C2V15F
Product Dimensions	2.9 x 2 x 1.2 inches
Item Weight	5.6 ounces
Color	Black
Brand	Chaowei
Connector Gender	Male-to-Male
Plug Format	Type F

Voltage	2 Volts
Manufacturer	Chaowei Electronic Company
Date First Available	September 13, 2018

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the purchase documentation or contact Chaowei customer service directly. Contact details can typically be found on the official Chaowei website or through the retailer where the product was purchased.
Chaowei is committed to providing high-performance products and excellent customer service.