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### Fender 0990510402

# Fender 10' Original Series Instrument Cable User Manual

Model: 0990510402

## 1. PRODUCT OVERVIEW

The Fender Original Series Instrument Cable is engineered for reliable performance in both studio and live environments. It features a robust construction designed to deliver clear audio signals for electric guitars, bass guitars, and professional audio equipment.



Image 1.1: The Fender 10' Original Series Instrument Cable in Midnight Blue, coiled for display.

### Key Features:

- **Durable Construction:** Features an 8mm outer diameter wire jacket for enhanced longevity.

- **Optimized Conductor:** Utilizes 23 AWG (American Wire Gauge) for efficient signal transfer.
- **Superior Shielding:** Equipped with 90% Oxygen-Free Copper (OFC) spiral shielding to minimize interference and noise.
- **Reliable Connections:** Nickel-plated 1/4" straight-straight connectors ensure secure and consistent signal integrity.
- **Tangle-Free Design:** Engineered to resist tangling for ease of use and storage.

## 2. SETUP

This instrument cable is designed for straightforward connection between your musical instrument and an amplifier or other audio equipment.

1. **Identify Connectors:** The cable features two 1/4" (6.35mm) straight male connectors, one at each end.
2. **Connect to Instrument:** Insert one end of the cable firmly into the output jack of your electric guitar, bass guitar, or other compatible instrument.
3. **Connect to Amplifier/Audio Device:** Insert the other end of the cable firmly into the input jack of your amplifier, audio interface, mixer, or other professional audio equipment.
4. **Secure Connection:** Ensure both connections are fully seated to prevent signal loss or intermittent audio.



Image 2.1: Close-up view of a Fender 1/4 inch straight connector, showing the brand label.

## 3. OPERATING INSTRUCTIONS

Once connected, the Fender Original Series Instrument Cable facilitates the transmission of audio signals. No specific operational steps are required beyond proper connection.

- **Signal Integrity:** The cable's design, including OFC spiral shielding, helps maintain a clear and uncolored audio signal, minimizing unwanted noise and interference.
- **Flexibility:** The cable's flexible PVC jacket allows for easy routing and coiling, reducing the likelihood of kinks and tangles during use and storage.
- **Compatibility:** Suitable for a wide range of instruments and audio devices requiring 1/4" TS (Tip-Sleeve) connections.

## 4. MAINTENANCE

Proper care and maintenance will extend the lifespan and ensure optimal performance of your instrument cable.

- **Cleaning:** Wipe the cable and connectors with a soft, dry cloth to remove dust and grime. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, coil the cable loosely to prevent kinking and strain on the internal wiring. Avoid tight coiling or sharp bends. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the cable for any signs of wear, such as frayed jackets, bent connectors, or exposed wiring. Discontinue use if damage is observed.
- **Avoid Strain:** Do not pull on the cable itself to disconnect it from equipment; always grasp the connector housing.

## 5. TROUBLESHOOTING

If you experience issues with your instrument cable, consider the following troubleshooting steps:

- **No Sound:**
  - Ensure both ends of the cable are fully and securely plugged into the instrument and amplifier/audio device.
  - Check the volume settings on your instrument and amplifier.
  - Test with a different known-good cable to rule out other equipment issues.
- **Intermittent Sound or Crackling:**
  - Verify connections are tight and free from debris.
  - Inspect the cable for visible damage, such as cuts or kinks in the jacket.
  - Movement of the cable causing noise often indicates internal wiring damage.
- **Excessive Noise or Hum:**
  - Ensure the cable is not running parallel to power cables, which can induce hum.
  - The cable's spiral shielding is designed to reduce noise; if hum persists, check grounding of your equipment.
  - Test with another cable to isolate the source of the noise.

6. SPECIFICATIONS

Brand	Fender
Model Number	0990510402
Cable Length	10 feet (3.05 meters)
Connector Type	1/4" (6.35mm) Male-to-Male, Straight-Straight
Cable Type	Instrument Cable (AUX)
Compatible Devices	Electric Guitar, Bass Guitar, Pro Audio Equipment
Special Feature	Tangle-Free Design
Color	Midnight Blue
Outer Material	Polyvinyl Chloride (PVC)
Wire Jacket Diameter	8mm
Wire Gauge	23 AWG
Shielding	90% OFC Spiral Shielding
Connector Plating	Nickel-plated
Indoor/Outdoor Usage	Indoor, Outdoor
Item Weight	6.7 ounces (approx. 190 grams)
Product Dimensions	8 x 1 x 8 inches (coiled, approximate)

7. WARRANTY AND SUPPORT

The Fender Original Series Instrument Cable is backed by a **lifetime guarantee**, reflecting Fender's commitment to quality and durability.


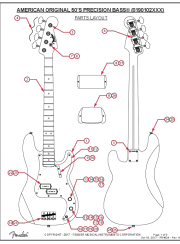




For warranty claims, technical assistance, or further support, please refer to the official Fender website or contact Fender customer service directly. Keep your proof of purchase for warranty validation.

For more information, visit: [www.fender.com](http://www.fender.com)



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