HILTI 304799

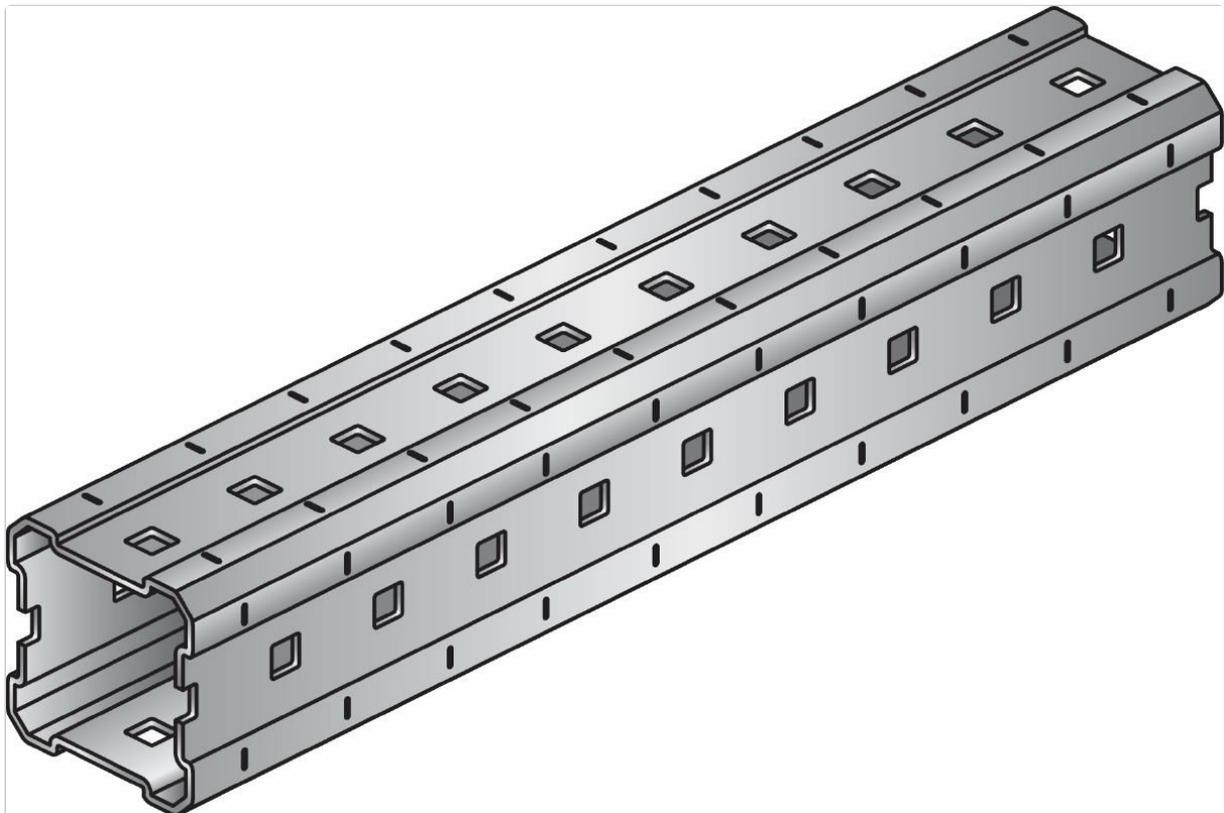## HILTI 304799 MI-90 6M Cat 8 Ethernet Cable Instruction Manual

MODEL: 304799

Introduction

This manual provides essential information for the safe and effective use of your HILTI 304799 MI-90 6M Cat 8 Ethernet Cable. Please read these instructions carefully before setup, operation, or maintenance to ensure optimal performance and longevity of the product.

This image displays the HILTI 304799 MI-90 6M Cat 8 Ethernet Cable. It features a durable black, round cable with male RJ45 connectors on both ends, suitable for high-speed data transmission in various environments.

Setup

The HILTI 304799 MI-90 6M is a Male-to-Male RJ45 Cat 8 Ethernet cable designed for connecting compatible devices, including power tools, in both indoor and outdoor environments.

1. **Inspect the Cable:** Before use, visually inspect the cable and its RJ45 connectors for any signs of damage, such as cuts, fraying, or bent pins. Do not use a damaged cable.

2. **Identify Ports:** Locate the RJ45 Ethernet ports on the devices you intend to connect. Ensure they are compatible with Cat 8 Ethernet standards.

3. **Connect Devices:** Gently insert one end of the RJ45 connector into the Ethernet port of the first device until it clicks into place. Repeat this step for the other end of the cable and the second device.

4. **Secure Connection:** Ensure both connectors are firmly seated and do not wiggle. A secure connection is crucial for optimal performance.

Operating

Once connected, the HILTI 304799 MI-90 6M Cat 8 Ethernet Cable facilitates high-speed data transfer between your devices. This cable supports up to 54 Volts (AC) for compatible power tool applications.

- **Data Transfer:** The cable will automatically establish a network connection between the connected devices. Verify network activity indicators on your devices, if available.

- **Power Over Ethernet (PoE):** If your devices and network infrastructure support PoE, this cable is designed to handle power delivery alongside data, up to 54 Volts (AC). Consult your device manuals for PoE compatibility.

- **Environmental Use:** This cable is suitable for both indoor and outdoor applications. However, avoid prolonged exposure to extreme weather conditions or direct mechanical stress.

Maintenance

Proper maintenance extends the lifespan and ensures reliable performance of your HILTI Ethernet cable.

- **Cleaning:** Use a soft, dry cloth to clean the cable and connectors. Avoid using harsh chemicals or abrasive materials.

- **Storage:** When not in use, coil the cable loosely. Avoid tight bends, kinks, or wrapping it around sharp objects, which can damage the internal wires. Store in a clean, dry place away from direct sunlight and extreme temperatures.

- **Inspection:** Periodically inspect the cable for any signs of wear, damage, or corrosion, especially on the connectors.

- **Avoid Stress:** Do not pull on the cable itself to disconnect it; always grasp the connector housing. Avoid placing heavy objects on the cable or running it through high-traffic areas where it could be stepped on or crushed.

Troubleshooting

If you encounter issues with your HILTI 304799 MI-90 6M Cat 8 Ethernet Cable, consider the following steps:

1. **No Connection:**
   - Ensure both RJ45 connectors are fully inserted and clicked into their respective ports.
   - Try disconnecting and reconnecting the cable at both ends.
   - Test the cable with different devices or ports to isolate if the issue is with the cable or the connected

equipment.
- Check the network settings on your devices.

2. **Slow Connection Speed:**
   - Verify that both connected devices and your network infrastructure support Cat 8 speeds.
   - Ensure there are no other network bottlenecks.
   - Inspect the cable for any physical damage that might affect performance.

3. **Intermittent Connection:**
   - Check for loose connections at both ends.
   - Ensure the cable is not being bent or stressed during operation.
   - Rule out interference from other electronic devices.

Specifications

Detailed technical specifications for the HILTI 304799 MI-90 6M Cat 8 Ethernet Cable.

Feature	Detail
Brand	HILTI
Model Number	304799
Connector Type	RJ45
Cable Type	Ethernet
Ethernet Cable Category	Cat 8
Compatible Devices	Power Tool
Connector Gender	Male-to-Male
Color	Black
Shape	Round
Unit Count	1 Count
Indoor/Outdoor Usage	Indoor, Outdoor
Number of Items	1
Maximum Voltage	54 Volts (AC)

Warranty and Support

HILTI products are manufactured to the highest quality standards. For specific warranty information regarding your HILTI 304799 MI-90 6M Cat 8 Ethernet Cable, please refer to the official HILTI warranty policy available on their website or contact HILTI customer service.

For technical assistance, service, or to report an issue, please visit the official HILTI support page or contact their customer service department.

Official HILTI Website: www.hilti.com

HILTI Customer Service: Refer to your regional HILTI website for local contact information.