



User Manual (English)

Cat6 Patch Ethernet Cables – Outdoor Use

Welcome to Mr. Tronic

At **Mr. Tronic**, we deliver premium network solutions designed for seamless connectivity. Our **Cat6 Outdoor Ethernet Cables** are built to deliver high-speed, reliable connectivity in both residential and commercial outdoor environments. Designed with a UV-resistant, weatherproof jacket, they provide durable performance even in variable weather conditions.

Why Choose Mr. Tronic?

- **High-Speed Technology:** Designed for modern networks, supporting up to **10 Gbps** data transfer and **250 MHz bandwidth**.
 - **Global Compliance:** Certified with **CE, UKCA, RoHS, and WEEE**, ensuring safety, performance, and environmental responsibility.
 - **Trusted by Professionals:** Built with premium materials and rigorously tested for reliability and durability.
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Product Overview

Key Features

- **Category:** Cat6 Ethernet Cable
- **Type:** Patch Cable (Outdoor Use)
- **Performance:**
 - Up to **10 Gbps** data transfer
 - **250 MHz** bandwidth for superior stability
- **Build Quality:** Copper Clad Aluminum (CCA) conductors with **UV-resistant, waterproof PE jacket** for outdoor durability.
- **Connectors:** RJ45, plated for enhanced durability and signal clarity
- **Applications:** Perfect for streaming, gaming, office networks, and LAN setups.
- Designed for **Outdoor Environments** such as gardens, rooftops, and external security systems, ensuring reliable connectivity in all weather conditions.



Installation Guidelines

Step-by-Step Installation for Outdoor Use

1. Plan Your Route:

- Measure and plan the cable path to minimize bends and exposure.
- Avoid placing the cable where it can be submerged in water or subjected to physical damage.

2. Prepare the Surface:

- If installing underground, always use protective conduit.
- Keep connectors and cable ends away from moisture during installation.

3. Connect Securely:

- Ensure RJ45 connectors click firmly into the ports.
- For long runs, test connection continuity before securing the cable permanently.

4. Secure and Protect:

- Use UV-resistant clips or ties to secure the cable.
- Avoid sharp bends (minimum bend radius: 4x the cable diameter).

5. Verify Network Performance:

- Test the network connection to ensure data transmission is stable.



Safety and Maintenance

- **Suitable for outdoor use** in temperatures from -20°C to +60°C.
- **Do not expose** connectors to rain or moisture—keep RJ45 ends inside protected enclosures.
- **Do not install** during thunderstorms or near electrical power lines.
- **Clean with a dry, soft cloth**; never use solvents or pressure washers.

Technology Edge

- **Enhanced Speed and Bandwidth:** Supports up to **10 Gbps** at **250 MHz** for smoother data transfer in demanding scenarios.
- **Exceptional Signal Integrity:** Minimizes interference for reliable and stable performance.
- **Future-Ready Compatibility:** Fully compatible with existing Cat5e and Cat5 networks while supporting next-gen devices.

Build Quality:

- Conductors protected by a **UV-resistant, waterproof PE jacket** for outdoor durability.
- Designed to resist moisture, sunlight, and temperature variations.

Applications:

- Suitable for outdoor networking, IP cameras, garden offices, and external Wi-Fi routers.
- Can be buried in conduit or routed along walls and fences (not suitable for direct burial without conduit).

Applicable Models for Mr. Tronic Cat6 Outdoor Patch Cables

Brand	Category	Type	Length (m)	Color	ASIN
MR TRONIC	CAT6	PATCH OUTDOOR	10	Black	B0816GY2F7
MR TRONIC	CAT6	PATCH OUTDOOR	15	Black	B0816GKDYY
MR TRONIC	CAT6	PATCH OUTDOOR	20	Black	B07V34K1NN
MR TRONIC	CAT6	PATCH OUTDOOR	25	Black	B0816GTXSP
MR TRONIC	CAT6	PATCH OUTDOOR	30	Black	B07V43FY55
MR TRONIC	CAT6	PATCH OUTDOOR	50	Black	B07V35KFFV
MR TRONIC	CAT6	PATCH OUTDOOR	100	Black	B0816GP5FC

Regulatory Compliance



Our Cat6 Patch Ethernet Cables adhere to the highest standards:

- **CE Certification (European Union):** Meets EU safety and environmental directives.
- **UKCA Certification (United Kingdom):** Ensures compliance with UK safety regulations.
- **RoHS Compliance:** Free of hazardous substances to protect both users and the environment.
- **WEEE Compliance:** Recycling fees are paid in applicable countries to ensure environmentally responsible disposal.

For compliance documentation, visit:

- **Website:** www.mr-tronic.com
- **EU Address:** Calle Lagasca 87, Escalera Izquierda, 3B, Madrid, Spain
- **UK Address:** Botley Mills, Botley, Southampton, SO30 2GB

Manufacturer and Distribution

Manufactured by

Qingdao Changbao Commerce Co., Ltd.
Room 1202, No. 220 Yan An Third Road,
Shinan District, Qingdao City, Shandong Province, China
Phone: +86 186 5382 0379

Importer and Distributor

- **EU Representative:**
Meruel Investments SL
Calle Lagasca 87, Escalera Izquierda, 3B
Madrid, Spain, 28006
- **UK Representative:**
Meruel Investments SL
c/o Expandly T/A GEE Compliance
Botley Mills, Botley, Southampton, SO30 2GB
- **Distributor:**
Meruel Investments SL
Calle Lagasca 87, Escalera Izquierda, 3B

Customer Support

At Mr. Tronic, your satisfaction is our priority. If you need assistance:

- **Email:** info@mr-tronic.com
 - **Website:** www.mr-tronic.com
 - **Support Portal:** Access FAQs, live chat, and product registration by scanning the QR code.
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Environmental Responsibility

Our cables are designed to be environmentally responsible:

- Fully recyclable under the **WEEE Directive**
 - Free from hazardous substances under **RoHS Compliance**
Dispose of responsibly through local recycling centers or electronic waste programs.
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Warranty Information

Your purchase includes a **1-Year Premium Warranty**. Register your product at www.mr-tronic.com or contact us for claims.

Thank You for Choosing Mr. Tronic

With Mr. Tronic, you're choosing reliability, performance, and innovation for your network solutions. Thank you for trusting us to deliver connectivity that powers your success.