

PRODUCT CATALOGUE

EURONET CAT6 & CAT6A NETWORK CABLE CATALOGUE 2026



The Euronet CAT6 & CAT6A Network Cables range delivers professional-grade coaxial and network cabling solutions for IP surveillance, analog CCTV, and structured security installations. Engineered for reliability in both indoor and outdoor environments, every cable in this range is manufactured to ISO 9001:2015 certified standards and tested for signal integrity, EMI resistance, and long-term durability. From high-density IP camera networks to traditional coaxial runs, the Euronet cable range provides the performance and confidence your installation demands.

POWERING PROGRESS ACROSS THE GLOBE

3000+
Distributors

15+
Industries

60+
Countries & Region

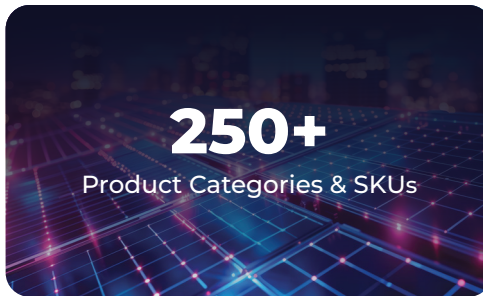
24/7 Intelligent Assistance

Sales Support and
After Sales Support



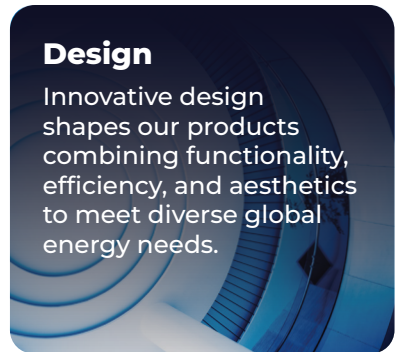
250+

Product Categories & SKUs



Design

Innovative design
shapes our products
combining functionality,
efficiency, and aesthetics
to meet diverse global
energy needs.



Globally Certified Excellence

Certified to meet
global standards



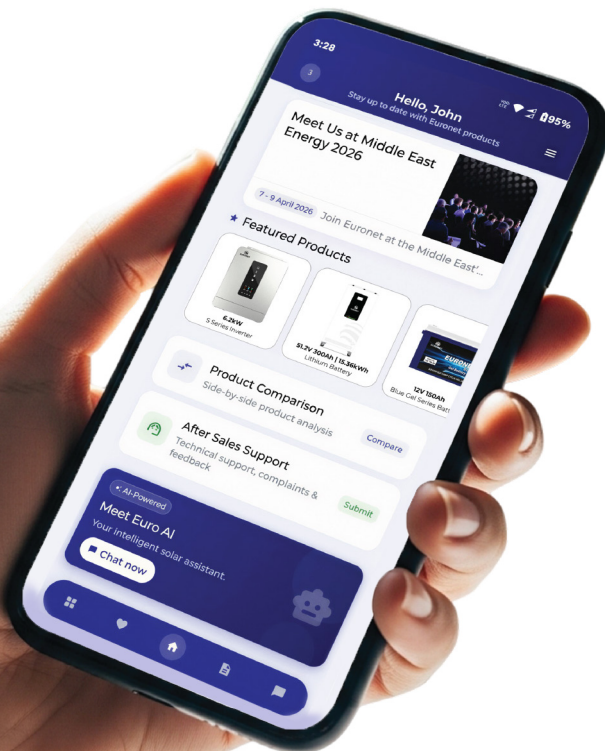
One Stop Ecosystem

Complete digital
ecosystem



20+

Years of Excellence



Download the myEuronet App

myEuronet is the official app for Euronet customers, distributors, installers, and partners, giving you instant access to Euronet's complete smart energy and technology ecosystem in one place. Explore product Catalogues, compare solutions, access detailed specifications, save products, and stay updated with the latest innovations across solar energy, batteries, power & electrical, security, surveillance, and IoT solutions anytime, anywhere.

Scan the QR Code to Download the App



Download on the
App Store

GET IT ON
Google Play

EURONET CAT6 & CAT6A Network Cable Catalogue

Complete professional cabling solutions for CCTV and IP surveillance installations.

01

Euronet CAT6 & CAT6A Network Cables

CAT6A Cable U/FTP

- 305M

[Go to Page 01](#)

02

Euronet CAT6 & CAT6A Network Cables

CAT6 Cable FTP

- 305M

[Go to Page 02](#)

03

Euronet CAT6 & CAT6A Network Cables

CAT6 Cable SFTP

- 305M

[Go to Page 03](#)

04

Euronet CAT6 & CAT6A Network Cables

CAT6 Cable UTP

- 305M

[Go to Page 04](#)

05

Euronet CAT6 & CAT6A Network Cables

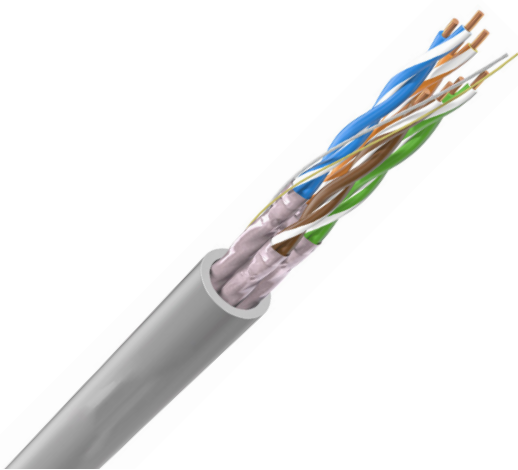
CAT6 Cable UTP

- 305M Outdoor

[Go to Page 05](#)

CAT6A CABLE U/FTP - 305M

High-performance shielded CAT6A network cable for advanced surveillance and PoE systems



CATEGORY CAT6A U/FTP	CABLE MATERIAL Foil+PVC Jacket
CONDUCTOR 23 AWG Copper	SHEATH DIAMETER 7.6 +/- 0.50 mm
OPERATING VOLTAGE 60 V	Ambient Temperature -20C to 75C

OVERVIEW

The Euronet CAT6A U/FTP 305M is a high-performance unshielded twisted-pair cable with individual foil shielding per pair, compliant with ISO/IEC 11801 and ANSI/TIA-568-C.2 standards. Engineered for demanding surveillance environments, it supports continuous PoE operation at 57V/1A DC and maintains stable electrical performance across a frequency range of 1.0 to 500MHz, making it suitable for high-density IP camera installations and advanced network infrastructure.

KEY FEATURES

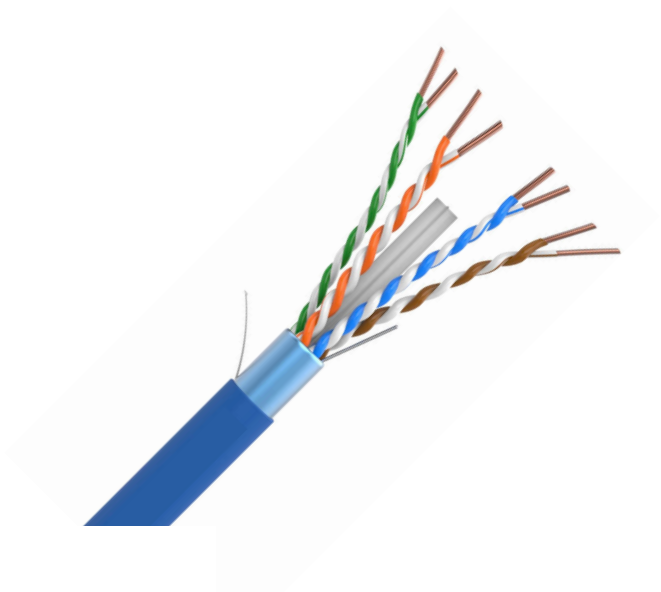
Dual-Standard Compliance Fluke Pass, Complies with ISO/IEC 11801 and ANSI/TIA-568-C.2 for verified performance in professional surveillance.	PoE-Ready Design Supports continuous 57V/1A DC loading, ensuring full Power over Ethernet (PoE) devices without degradation.
Precision Impedance Control Delivers 100 ± 15 Ω up to 250MHz and 100 ± 25 Ω from 250 to 500MHz to maintain consistent signal integrity.	Low DC Resistance Features max DC resistance of 9.38 Ω/100m and 5.0% max unbalance, minimizing signal loss over long distances.
AL Foil 25U Per-Pair Shielding Individual aluminum foil shields on each pair provide protection against EMI & crosstalk in high-noise environments.	High-Strength Sheath Construction Durable PVC sheath resists installation damage and supports continuous operation at temperatures up to 50°C.

TECHNICAL NOTE

Category: CAT6A | Conductor: Bare Copper, 23 AWG | Insulation: HDPE | Shielding: AL Foil 25U per pair (U/FTP) | Sheath: PVC, yellow, 1.35 +/- 0.10mm thickness, 7.6 +/- 0.50mm diameter | Rip-cord: Yes | Separator: Yes | Impedance: 100 +/- 15 Ohm (250MHz max), 100 +/- 25 Ohm (250-500MHz) | DC Resistance: 9.38 Ohm/100m max | DC Resistance Unbalance: 5.0% max | Delay Skew: 45ns/100m max | Cable Length: 305 +/- 1.5m | Operating Voltage: 60V | Ambient Temperature: -20C to 75C | Package Dimensions: 330mm (W) x 330mm (H) x 370mm (D) | Standards: ISO/IEC 11801, ANSI/TIA-568-C.2 | Fire Resistance: Yes | Manufactured by Smart Euronet Electronics LLC.

CAT6 CABLE FTP - 305M

Foil-shielded CAT6 LAN cable for secure and high-speed CCTV network installations



CATEGORY

CAT6 FTP

CABLE MATERIAL

Al foil+PVC

CONDUCTOR

23 AWG Bare Copper

SHEATH DIAMETER

7.5 +/- 0.2 mm

OPERATING VOLTAGE

60 V

Ambient Temperature

-20C to 75C

OVERVIEW

The Euronet CAT6 FTP 305M is a foil-shielded twisted-pair network cable designed to deliver high-speed data transmission for CCTV, IP surveillance, and structured network cabling applications. Featuring individual pair shielding with polyester/aluminium foil at 115% coverage minimum, it provides effective protection against electromagnetic interference while maintaining characteristic impedance of 100 +/- 5 Ohm at 100MHz. The PVC jacket and PE Skin-Foam-Skin insulation ensure durability across a wide temperature range.

KEY FEATURES

Full Pair Foil Shielding

PET/ALU pair shield with ≥115% coverage provides robust EMI protection in noisy environments.

Bare Copper Conductor

23 AWG bare solid copper (0.585mm OD) limits max DC resistance to 9.5 Ω/100m over 305m.

High Insulation Resistance

Exceeds 1500 MΩ/100m at 20°C, verified by a 2-minute test at 100V–500V DC.

Stable Impedance

100 ± 5 Ω at 100MHz; dielectric strength tested at 1.00KV DC or 0.7KV AC for 1 minute.

PE Skin-Foam-Skin Insulation

Foam-skin insulation (1.35mm OD) minimizes signal loss and maintains capacitance balance.

Fire-Resistant PVC Jacket

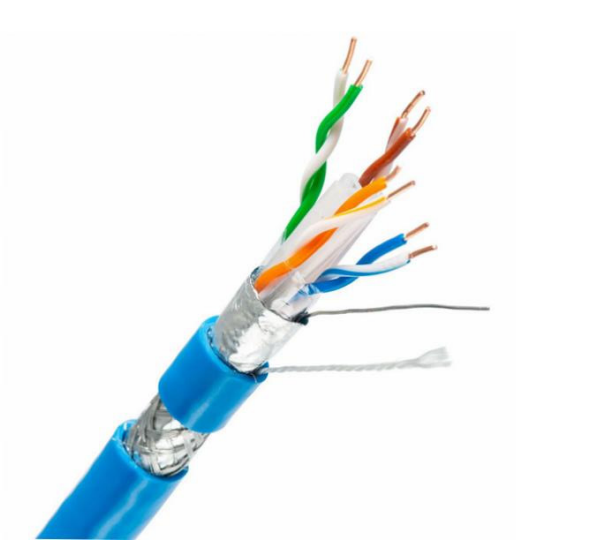
Durable PVC jacket (7.5mm OD) is rated for continuous operation from -20°C to 75°C.

TECHNICAL NOTE

Category: CAT6 FTP | Conductor: Bare Solid Copper, 23 AWG, OD 0.585 +/- 0.005mm | Insulation: PE Skin-Foam-Skin, OD 1.35 +/- 0.01mm, THK 0.385mm | Pair Shield: Polyester/Aluminium PET/ALU, 115% coverage min | Jacket: PVC, OD 7.5 +/- 0.2mm, THK 0.60-0.70mm | Impedance: 100 +/- 5 Ohm at 100MHz | DC Resistance: 9.5 Ohm/100m max | Resistance Unbalance: 2% max | Insulation Resistance: 1500 MOhm/100m min | Mutual Capacitance: 5600pF/100m MAX | Cable Length: 305 +/- 1.5m | Operating Voltage: 60V | Ambient Temperature: -20C to 75C | Drum Weight: 20kg | Drum Dimension: 370 x 200 x 220 mm | Drum Diameter: 40cm | Fire Resistance: Yes | Manufactured by Smart Euronet Electronics LLC.

CAT6 CABLE SFTP - 305M

Outdoor-rated shielded CAT6 cable with dual-jacket construction for exposed installations



CATEGORY

CAT6 SFTP

CABLE MATERIAL

HDPE PVC+PE Jacket

CONDUCTOR

23 AWG CCA

SHEATH DIAMETER

7.0 +/- 0.30 mm

OPERATING VOLTAGE

60 V

Ambient Temperature

-20C to 75C

OVERVIEW

The Euronet CAT6 SFTP 305M is an outdoor-rated, foil and braid-shielded twisted-pair cable designed for CCTV and surveillance network installations in exposed or demanding environments. Its dual-layer construction combines copper-colour foil shielding and a 4x16x0.12mm CCA braid for comprehensive EMI protection, while the dual-jacket design PVC inner jacket with PE outer jacket provides excellent resistance to moisture, UV exposure, and mechanical stress throughout the full 305-metre length.

KEY FEATURES

Dual-Layer Shielding

Copper-colour foil with a 4x16x0.12mm CCA braid provides multi-layer EMI protection for noisy outdoor environments.

Outdoor Dual-Jacket Design

PVC inner jacket and PE outer jacket offer robust resistance to moisture, UV, and harsh outdoor exposure.

CCA Conductor Construction

23 AWG copper-clad aluminum conductors deliver reliable transmission performance across the full 305m run.

High-Strength Mechanical Sheath

Engineered with high tensile and compressive strength to prevent damage during cable pulling and installation.

HDPE Insulation

High-density polyethylene insulation ensures excellent dielectric properties and stable performance up to 50°C.

Fire-Resistant Construction

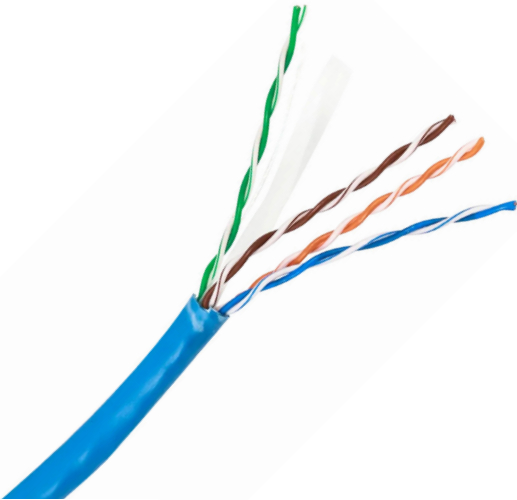
Fire-resistant PE outer jacket supports safe, compliant operation in temperatures from -20°C to 75°C.

TECHNICAL NOTE

Category: CAT6 | Shielding: SFTP (Copper-colour foil + 4x16x0.12mm CCA braid) | Conductor: CCA, 23 AWG | Insulation: HDPE | Inner Jacket: PVC | Outer Jacket: PE | Sheath Thickness: 0.50 +/- 0.20mm | Sheath Diameter: 7.0 +/- 0.30mm | Rip-cord: Yes | Separator: Yes | Cable Length: 305 +/- 1.5m | Operating Voltage: 60V | Ambient Temperature: -20C to 75C | Package Dimensions: 330mm (W) x 330mm (H) x 270mm (D) | Fire Resistance: Yes | Manufactured by Smart Euronet Electronics LLC.

CAT6 CABLE UTP - 305M

Unshielded CAT6 indoor LAN cable for high-speed CCTV and network installations



CATEGORY
CAT6 UTP

CABLE MATERIAL
HDPE PVC Jacket

CONDUCTOR
23 AWG CCA

SHEATH DIAMETER
6.00 +/- 0.30 mm

OPERATING VOLTAGE
60 V

Ambient Temperature
-20C to 75C

OVERVIEW

The Euronet CAT6 UTP 305M Indoor is an unshielded twisted-pair network cable designed for indoor CCTV, IP surveillance, and structured LAN cabling installations. Its CCA conductors deliver strong electrical properties and transmission performance, while the PVC sheath with high tensile and compressive strength ensures durability during installation. The cable operates continuously at temperatures up to 50C and meets CAT6 performance standards for reliable high-speed data transmission across the full 305-metre drum.

KEY FEATURES

CCA Conductor Efficiency
23 AWG copper-clad aluminum conductors support CAT6 data rates and low resistance across the full 305m run.

Durable PVC Sheath
PVC sheath at 6.00 +/- 0.30mm diameter and 0.50 +/- 0.10mm protects against installation and service stress.

HDPE Insulation
High-density polyethylene insulation ensures excellent dielectric performance and signal stability up to 50°C.

Integrated Rip-Cord
Built-in rip-cord enables clean jacket stripping, saving installation time and preventing conductor damage.

Pair Separator Included
Internal cross-member separator maintains pair geometry to reduce crosstalk and preserve CAT6 performance.

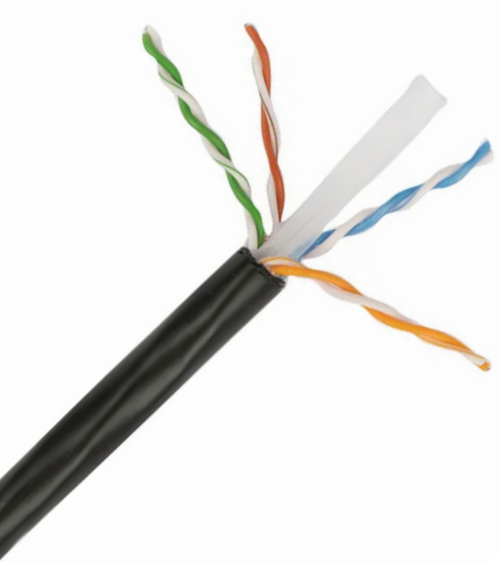
Fire-Resistant Build
Fire-resistant PVC jacket ensures safe indoor deployment in ambient temperatures from -20°C to 75°C.

TECHNICAL NOTE

Category: CAT6 UTP | Conductor: CCA, 23 AWG | Insulation: HDPE | Sheath: PVC, 0.50 +/- 0.10mm thickness, 6.00 +/- 0.30mm diameter | Sheath Colour: According to customer requirements | Rip-cord: Yes | Separator: Yes | Cable Length: 305 +/- 1.5m | Operating Voltage: 60V | Ambient Temperature: -20C to 75C | Package Dimensions: 380mm (W) x 380mm (H) x 240mm (D) | Fire Resistance: Yes | Manufactured by Smart Euronet Electronics LLC.

CAT6 CABLE UTP - 305M OUTDOOR

Outdoor-rated unshielded CAT6 cable with dual-jacket construction for exposed environments



CATEGORY CAT6 UTP Outdoor	CABLE MATERIAL HDPE PVC+PE Jacket
CONDUCTOR 23 AWG CCA	SHEATH DIAMETER 6.80 +/- 0.30 mm
OPERATING VOLTAGE 60 V	AMBIENT TEMPERATURE -20C to 75C

OVERVIEW

The Euronet CAT6 UTP 305M Outdoor is an unshielded twisted-pair cable designed for outdoor CCTV and network installations. It features a durable dual-jacket construction (PVC inner and UV-resistant PE outer) to withstand moisture and environmental stress, while its 23 AWG CCA conductors deliver reliable CAT6 data rates. Built for performance across its entire 305-meter length, this cable operates reliably in temperatures ranging from -20°C to 75°C.

KEY FEATURES

Outdoor Dual-Jacket Protection PVC inner jacket and weather-resistant PE outer jacket protect against moisture, UV, and harsh outdoor exposure.	CCA Conductor Performance 23 AWG copper-clad aluminum conductors maintain CAT6 data rates and low resistance across the full 305m run.
Wider Sheath for Outdoor Durability At 6.80 +/- 0.30mm diameter, larger than the indoor UTP variant, the sheath provides additional mechanical strength.	High-Strength Mechanical Build High tensile and compressive construction prevents cable damage during pulling and routing in outdoor projects.
HDPE Insulation High-density polyethylene insulation ensures excellent dielectric stability and reliable performance up to 50°C.	Fire-Resistant Wide Temp Range Fire-resistant dual-jacket design ensures safe, compliant operation in ambient temperatures from -20°C to 75°C.

TECHNICAL NOTE

Category: CAT6 UTP Outdoor | Conductor: CCA, 23 AWG | Insulation: HDPE | Inner Jacket: PVC | Outer Jacket: PE | Sheath Thickness: 0.50 +/- 0.20mm | Sheath Diameter: 6.80 +/- 0.30mm | Rip-cord: Yes | Separator: Yes | Cable Length: 305 +/- 1.5m | Operating Voltage: 60V | Ambient Temperature: -20C to 75C | Package Dimensions: 290mm (W) x 290mm (H) x 330mm (D) | Fire Resistance: Yes | Manufactured by Smart Euronet Electronics LLC.



Engineered for Performance. Built for Reliability

Delivering innovative power, energy storage, security, and technology solutions designed for efficiency, durability, and long-term value

Certifications & Standards

**CB
MARKED**

International Safety
Certification

**CE
MARKED**

European Conformity
Marked

**IEC
COMPLIANT**

International
Electrotechnical Commission

**ISO
9001:2015**

Quality
Management

Power Beyond

Efficient · Intelligent · Reliable

www.euronet.co