

PRODUCT CATALOGUE

EURONET RG59 COAXIAL CABLE CATALOGUE 2026



Professional-grade coaxial cabling built for signal transmission across every application. The Euronet RG59 coaxial cable range delivers reliable, interference-resistant signal transmission across a wide spectrum of professional installations — from CCTV and IP surveillance systems to satellite distribution, TV signal networks, and security infrastructure. At its core, this range is purpose-built for security and surveillance applications, where consistent signal quality, low attenuation, and long-term mechanical durability are essential. Every cable is manufactured under ISO 9001:2015 certified quality standards, rigorously tested across a full frequency range, and supplied ready for professional installation. Available in 100% copper and CCS conductor variants, and in 100M and 305M drum lengths, the Euronet RG59 range gives installers and specifiers the flexibility to match the right cable to every project requirement. Built for installers. Backed by Euronet.

POWERING PROGRESS ACROSS THE GLOBE

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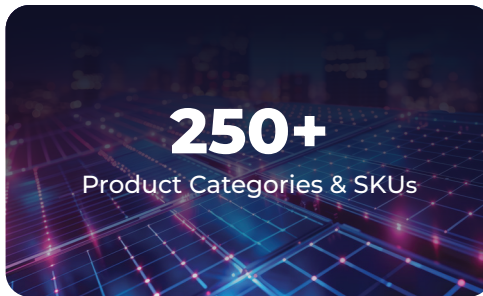
24/7 Intelligent Assistance

Sales Support and
After Sales Support



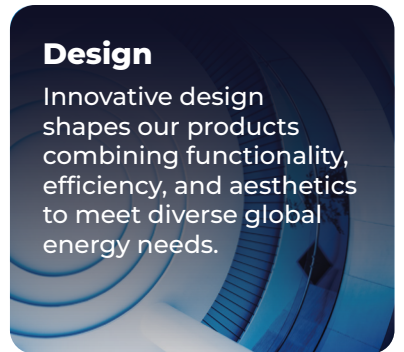
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Product Categories & SKUs



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Certified to meet
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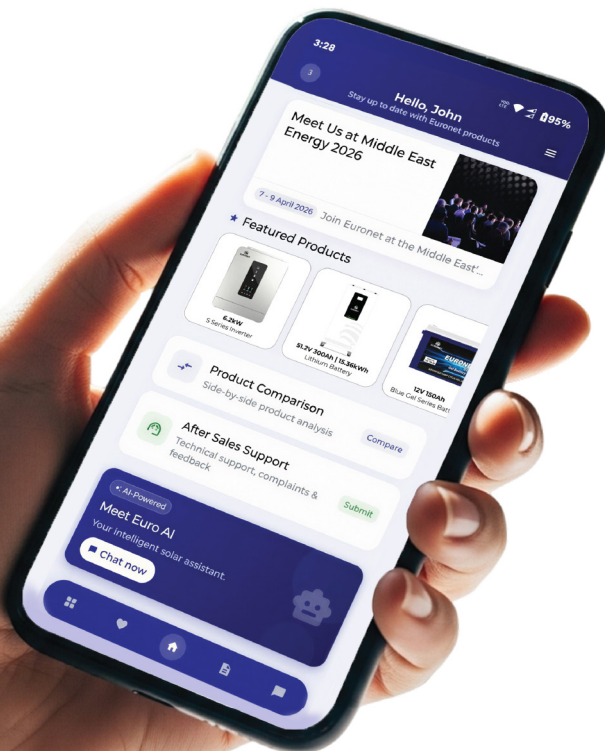
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ecosystem



20+

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EURONET RG59 Coaxial Cable Catalogue 2026

Professional coaxial cabling solutions for security, surveillance, and signal transmission.

01

Coaxial Cables

RG59+2C Cable Coaxial, 100M

- RG59+2DC 100M Coaxial Power Cable

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02

Coaxial Cables

RG59+2C Cable Coaxial, 305M 80% Copper

- RG59+2DC 305M CCS/CCA Coaxial Power Cable

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03

Coaxial Cables

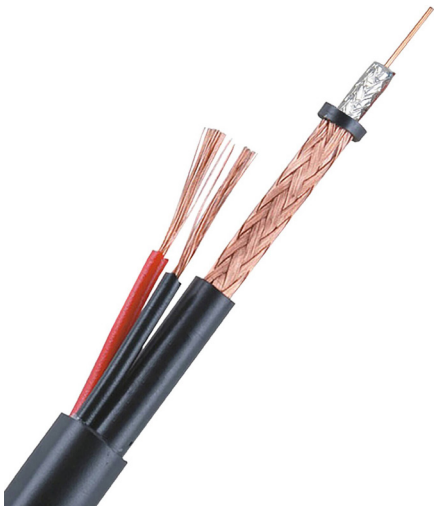
RG59+2C Cable Coaxial, 305M 100% Copper

- RG59+2DC 305M Pure Copper Coaxial Power Cable

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RG59+2C CABLE COAXIAL - 100M

Coaxial power cable for professional CCTV and security signal transmission over short to medium runs



IMPEDANCE 75 Ohms	WIRE GAUGE 20 AWG
CABLE LENGTH 100M	CONDUCTOR CCS
OPERATING TEMP -40°C to 80°C	WEIGHT 16.2 KG

OVERVIEW

The Euronet RG59+2DC 100M is a professional-grade coaxial power cable combining a 75-ohm RG59 coaxial core with an integrated 2-conductor DC power cable, designed for CCTV cameras, surveillance systems, and security signal transmission applications. Featuring a CCS (Copper-clad Steel) coaxial conductor at 20AWG, CCA braiding at 95% density, and a flame-retardant PE-insulated power conductor, this cable delivers reliable signal and power delivery in a single run. The PVC outer jacket ensures durability and protection throughout the full 100-metre length.

KEY FEATURES

Integrated Power and Signal

RG59 coaxial and 2-conductor DC power in a single jacket — no separate power runs needed.

CCS Coaxial Conductor

20AWG CCS conductor (OD 0.81 ± 0.01mm) for structural rigidity and reliable signal transmission.

%95 Braid Density Shielding

CCA braid at 95% ± 1% with aluminium foil tape for effective EMI shielding throughout.

Flame-Retardant Power Insulation

PE flame-retardant insulation (OD 0.1 ± 1.7mm) for safe performance in exposed and enclosed environments.

Wide Operating Temperature Range

Rated -40°C to 80°C for outdoor housings and demanding site conditions.

Durable PVC Outer Jacket

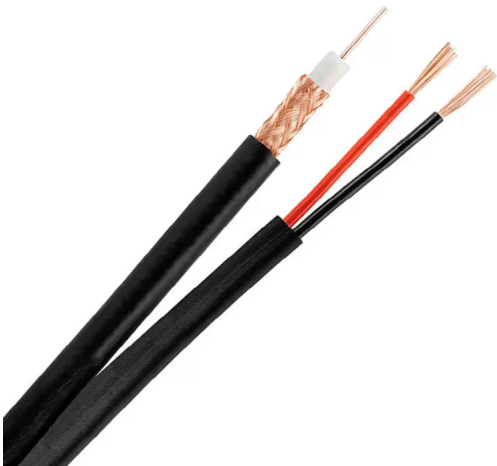
PVC jacket ≥ 0.50mm thickness, OD 6.10 ± 0.2mm for long-term mechanical protection.

TECHNICAL NOTE

Impedance: 75 Ohms | Wire Gauge: 20 AWG | Cable Length: 100M | Coaxial Conductor: CCS (Copper-clad Steel), OD 0.81 ± 0.01mm | Insulation: FPE, OD 3.70 ± 0.1mm | Tape: Shielding Aluminium Foil, 14mm width | Braid: CCA, 7×16×0.12mm, 95 ± 1% density | Jacket: PVC, ≥ 0.50mm thickness, OD 6.10 ± 0.2mm | Power Conductor: CCA, 2 cores, 7×0.37 ± 0.01mm | Power Insulation: PE Flame Retardant, OD 1.7 ± 0.1mm | Colour: Black | Operating Temperature: -40°C to 80°C | Storage Temperature: -20°C to 70°C | Weight: 16.2 KG | Dimensions: 33×33×33 CM | Manufactured by Smart Euronet Electronics LLC.

RG59+2C CABLE COAXIAL - 305M 80% COPPER

High-density coaxial power cable for large-scale CCTV and surveillance installations



IMPEDANCE 75 Ohms	WIRE GAUGE 20 AWG
CABLE LENGTH 305M	CONDUCTOR CCS
OPERATING TEMP -40°C to 80°C	WEIGHT 16.2 KG

OVERVIEW

The Euronet RG59+2DC 305M 80% Copper is a professional-grade coaxial power cable combining a 75-ohm RG59 coaxial core with an integrated 2-conductor DC power cable, engineered for large-scale CCTV, surveillance, and security signal transmission installations. Featuring a CCS (Copper-clad Steel) coaxial conductor at 20AWG, CCA braiding at 95% density with aluminium foil tape shielding, and a flame-retardant PE-insulated power conductor, this cable delivers consistent signal and power performance across the full 305-metre drum length. The reinforced PVC outer jacket with $\geq 0.65\text{mm}$ average thickness provides enhanced mechanical protection for demanding installation environments.

KEY FEATURES

305M Continuous Drum Length 305-metre drum minimises joins and signal loss points across large installations.	Integrated Power and Signal RG59 coaxial and 2-conductor DC power combined in a single jacket for faster installation.
CCS Coaxial Conductor 20AWG CCS conductor (OD $0.81 \pm 0.01\text{mm}$) for reliable signal transmission across extended runs.	95% Braid Density Shielding CCA braid at $95\% \pm 1\%$ with aluminium foil tape (14mm, 0.04mm) for consistent EMI protection.
Reinforced PVC Jacket PVC jacket $\geq 0.65\text{mm}$ thickness, OD $6.10 \pm 0.2\text{mm}$ for enhanced mechanical protection on site.	Wide Operating Temperature Rated -40°C to 80°C , storage -20°C to 70°C for year-round indoor and outdoor use.

TECHNICAL NOTE

Impedance: 75 Ohms | Wire Gauge: 20 AWG | Cable Length: 305M | Coaxial Conductor: CCS (Copper-clad Steel), OD $0.81 \pm 0.01\text{mm}$ | Insulation: FPE, OD $3.7 \pm 0.05\text{mm}$ | Tape: Shielding Aluminium Foil, 14mm width, 0.04mm thickness | Braid: CCA, $7 \times 16 \times 0.12\text{mm}$, $95 \pm 1\%$ density | Jacket: PVC, $\geq 0.65\text{mm}$ thickness, OD $6.10 \pm 0.2\text{mm}$ | Power Conductor: CCA, 2 cores, $7 \times 0.37 \pm 0.01\text{mm}$ | Power Insulation: PE Flame Retardant, OD $1.8 \pm 0.1\text{mm}$ | Power Jacket: PVC, $\geq 0.3\text{mm}$ | Colour: Black | Operating Temperature: -40°C to 80°C | Storage Temperature: -20°C to 70°C | Weight: 16.2 KG | Dimensions: $33 \times 33 \times 31\text{ CM}$ | Manufactured by Smart Euronet Electronics LLC.

RG59+2C CABLE COAXIAL - 305M 100% COPPER

Premium pure copper coaxial power cable for maximum signal integrity over extended runs



IMPEDANCE 75 Ohms	WIRE GAUGE 20 AWG
CABLE LENGTH 305M	CONDUCTOR 100% Copper
OPERATING TEMP -40°C to 80°C	WEIGHT 16.5 KG

OVERVIEW

The Euronet RG59+2DC 305M 100% Copper is a premium-grade coaxial power cable combining a 75-ohm RG59 coaxial core with an integrated 2-conductor DC power cable, engineered for installations where maximum signal integrity and lowest possible attenuation are required. Featuring a pure copper coaxial conductor at 20AWG — delivering significantly lower resistance than CCS alternatives — combined with CCA braiding at 95% density and a flame-retardant PE-insulated power conductor, this cable provides the highest level of signal transmission performance in the Euronet RG59 range. Supplied in a 305-metre drum, it is the preferred choice for long-run, high-performance CCTV and security installations.

KEY FEATURES

Pure Copper Conductor 100% copper conductor (OD 0.81 ± 0.01mm, 20AWG) for lower DC resistance over CCS alternatives.	Low Attenuation Performance 8.70 dB/100m at 55MHz, tested to 3000MHz for strong signal quality across CCTV frequencies.
305M Continuous Drum Length 305-metre drum minimises joins and signal loss points across large-scale deployments.	95% Braid Density Shielding CCA braid at 95% ± 1% with aluminium foil tape (14mm, 0.04mm) for consistent EMI protection.
Integrated Power and Signal RG59 coaxial and 2-conductor CCA DC power in a single jacket — no separate power runs needed.	Wide Operating Temperature Rated -40°C to 80°C, storage -20°C to 70°C for reliable year-round performance.

TECHNICAL NOTE

Impedance: 75 Ohms | Wire Gauge: 20 AWG | Cable Length: 305M | Coaxial Conductor: 100% Copper, OD 0.81 ± 0.01mm | Insulation: FPE, OD 3.66 ± 0.05mm | Tape: Shielding Aluminium Foil, 14mm width, 0.04mm thickness | Braid: CCA (Copper-clad Aluminium), 7×16×0.12mm, 95 ± 1% density | Jacket: PVC, ≥ 0.65mm thickness, OD 6.10 ± 0.2mm | Power Conductor: CCA, 2 cores, 7×0.37 ± 0.01mm | Power Insulation: PE Flame Retardant, OD 1.8 ± 0.1mm | Power Jacket: PVC, ≥ 0.3mm | Colour: Black | Operating Temperature: -40°C to 80°C | Storage Temperature: -20°C to 70°C | Weight: 16.5 KG | Dimensions: 33×33×31 CM | Attenuation: 8.70 dB/100m @ 55MHz, 14.80 @ 200MHz, 18.88 @ 400MHz, 24.50 @ 500MHz, 32.10 @ 800MHz, 34.70 @ 1000MHz | Manufactured by Smart Euronet Electronics LLC.



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