

Safest wire
you can **trust**

norwood

Wires & Cables



A Ratna Ganga Group Company

JUNE, 2025

WIRES &
CABLES MANUAL



Powering Trust, Connecting Futures.

At Norwood, we don't just manufacture electrical products—we build the backbone of modern living. Our story began with a single, focused mission: to deliver exceptional quality in Wires and Cables. This foundational venture quickly earned the trust of customers and industry professionals alike, setting the stage for our evolution into a powerhouse of innovation in home automation, electrical fittings, and wiring devices. Today, Norwood stands as a name synonymous with reliability, performance, and forward-thinking design. What began with wires and cables has grown into a comprehensive ecosystem of smart and efficient electrical solutions. From intelligent home automation systems and precision-engineered mechanical switches to energy-saving LEDs, doorbells, MCBs, DBs, PVC conduits, modular accessories, and much more! Norwood provides everything needed to electrify the modern home or office.

But at the heart of every device, every switch, every automated system, lies the true enabler: our wires and cables. Often unseen but always essential, they are the silent heroes that power our world—ensuring safety, consistency, and performance, 24/7. Engineered with cutting-edge technology, built to meet the highest safety standards, and tested for durability and endurance, Norwood's wires and cables are trusted by electricians, architects, and homeowners alike. Whether for residential, commercial, or industrial use, our wiring solutions deliver unmatched quality that stands the test of time. As we continue to push the boundaries of what's possible in electrical innovation, we remain grounded in the product that started it all. Because every smart solution needs a strong connection. At Norwood, it all begins with the wire.



Wires & Cables Manual

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Wires & Cables

Precision in Every Connection.

Norwood offers a comprehensive range of premium wires and cables designed to meet the diverse needs of modern electrical installations. From high-quality wires and cables for residential, commercial, and industrial use to specialized products like FR-PVC, FR-LSH, telephone cables, co-axial TV cables, networking cables, submersible cables, and multicore flexible cables, every product reflects our commitment to safety, durability, and innovation. Engineered with superior materials and tested to stringent standards, Norwood cables ensure reliable conductivity, enhanced fire resistance, low smoke emission, and robust mechanical strength, making them the trusted choice for powering homes, offices, industries, and critical infrastructure.

Safety for your Family, Guaranteed.

Norwood Building Wires are engineered for safe and efficient power distribution in residential and commercial spaces. Designed to withstand both wet and dry conditions, Norwood building wires deliver consistent electrical safety and long-lasting service.

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Wires & Cables



FR PVC INSULATED INDUSTRIAL CABLE

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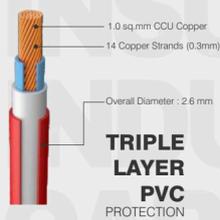
Wires & Cables

Fire-resistant Wires, Safety at every Connection.

Designed for safety, durability, and performance, Norwood's FR-PVC Insulated Industrial Cables are engineered to meet the rigorous demands of industrial environments. The Flame Retardant (FR) PVC insulation offers superior protection against fire hazards by resisting the spread of flames, while also providing excellent electrical conductivity and mechanical strength. Ideal for fixed wiring in industrial and commercial installations, these cables are built to withstand heat, moisture, and chemical exposure, ensuring long-lasting reliability even in harsh conditions. Easy to install and highly flexible, Norwood's FR-PVC cables deliver the peace of mind professionals demand on every project.

Applications:

Power distribution, control panels, machine wiring, lighting circuits, and more.



90 Mtrs

**FLAME
RETARDANT (FR)**

MORE THAN
100%
CONDUCTIVITY

BUNCHING
100%

FLAME
RETARDANT



FR LSH PVC INSULATED INDUSTRIAL CABLE

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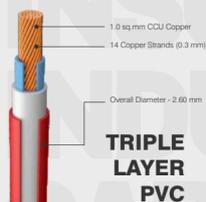
Wires & Cables

Low Smoke, Low Halogen, High Protection.

Norwood's FR-LSH (Flame Retardant – Low Smoke & Halogen) PVC Insulated Industrial Cables are designed to deliver superior fire safety in environments where both performance and human safety are critical. These cables not only resist the spread of flames but also emit minimal smoke and toxic halogen gases in the event of a fire, significantly reducing the risk of suffocation, corrosion, and visibility issues. Ideal for enclosed or densely populated spaces such as commercial buildings, hospitals, data centers, and industrial setups, FR-LSH cables ensure operational reliability while prioritizing occupant safety.

Applications:

Ideal for use in public buildings, commercial complexes, industrial control panels, and other fire-sensitive environments.



90 Mtrs
**FRLS FLAME
RETARDANT LOW
SMOKE**

MORE THAN
100%
CONDUCTIVITY

CONTAINS
FIRE FIGHTING
MOLECULES

MOISTURE
RESISTANT

SELF
EXTINGUISHING

OXYGEN
ENTRAPMENT



TELEPHONE AND SWITCH BOARD CABLES

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Wires & Cables

Connecting Voices, Supporting Systems.

Norwood's Telephone and Switch Board Cables are designed for clear, reliable voice and data transmission across a wide range of communication systems. Built with high-grade conductors and precision insulation, these cables ensure minimal signal loss, superior noise immunity, and long-term performance. Whether used for intercom systems, EPABX connections, or internal telecom networks, our cables offer flexibility, durability, and ease of installation. With options in multi-core constructions and color-coded identification, Norwood's telephone and switch board cables are ideal for both commercial and industrial setups.

Applications:

Intercom systems, telephone exchanges, EPABX networks, and internal communication wiring in offices, residences, and commercial buildings.

- No Cross Talk
- Voice Clarity
- Zero Noise Level
- Fire Retardant Jacket
- Low Attenuation
- High Speed
- Transmission



HIGH
SPEED
TRANSMISSION

ZERO
NOISE
LEVEL

NO CROSS
TALK

LOW
ATTENUATION

NO
VOICE
LOSS

COAXIAL T.V. CABLES

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Wires & Cables

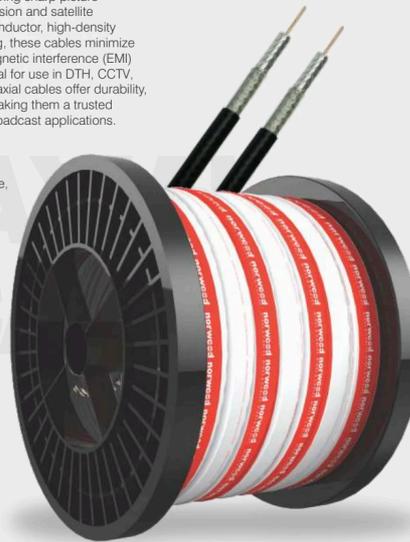
Crystal-clear Signals, Cable you can Trust.

Norwood's Co-Axial TV Cables are engineered for high-quality audio and video signal transmission, ensuring sharp picture clarity and superior sound output for television and satellite systems. Designed with a solid copper conductor, high-density dielectric insulation, and effective shielding, these cables minimize signal loss and protect against electromagnetic interference (EMI) and radio frequency interference (RFI). Ideal for use in DTH, CCTV, and cable TV installations, Norwood's co-axial cables offer durability, flexibility, and consistent performance—making them a trusted choice for residential, commercial, and broadcast applications.

Applications:

DTH systems, cable TV networks, satellite communication, CCTV surveillance, and video signal transmission.

- High quality Co-axial cable for Cable TV network.
- Notch free attenuation values over wide band of frequencies
- The special jacketing offers increased life even in rugged conditions.



TEMP.
RANGE
-15°C to 70°C

LESS ELECTRO
MAGNETIC
INTERFERENCE

LOW LOSS
IN SIGNAL
QUALITY

MOISTURE
PROOF

HIGHER
BANDWIDTH

COMPUTER AND LAN NETWORKING CABLES

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Wires & Cables

Built for Speed, Engineered for the Internet.

In today's digitally connected world, seamless data transmission is critical—and Norwood's Computer and LAN Networking Cables are built to meet that demand. Designed for high-speed, high-bandwidth communication, our networking cables ensure reliable performance across structured cabling systems, data centers, office networks, and industrial applications.

Manufactured with high-purity copper conductors and advanced insulation materials, these cables offer excellent signal integrity, low attenuation, and robust interference protection.

Whether you're setting up a small office network or a large-scale IT infrastructure, Norwood provides the speed, stability, and durability needed to keep data flowing smoothly.

Applications:

Local Area Networks (LAN), computer networking, servers, routers, switches, patch panels, and structured cabling systems.



HIGH
BIT RATE

USE IN
STRUCTURAL
CABLING

CHOICE
OF JACKETING

HIGH SPEED
HOPE

SUBSTITUTE
FOR
IMPORTED
CABLES

SUBMERSI BLE 3 CORE FLAT CABLES

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Wires & Cables

Engineered for the Depths, Trusted on the Surface.

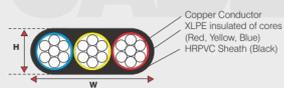
Norwood's Submersible 3-Core Flat Cables are specifically designed for the efficient and reliable operation of submersible pumps in harsh and demanding environments.

Built with high-quality copper conductors and specially formulated PVC insulation and sheathing, these cables offer exceptional resistance to moisture, abrasion, and prolonged water exposure. The flat design ensures easy installation and prevents cable twisting or entanglement in deep bore wells.

Engineered for consistent electrical performance and long service life, Norwood's submersible cables are ideal for agricultural, industrial, and domestic water pumping applications.

Applications:

Submersible pump motors in agriculture, irrigation, industrial water supply systems, and residential borewells.



TEMP RANGE
-15°C to 70°C

LESS ELECTRO
MAGNETIC
INTERFERENCE

LOW LOSS
IN SIGNAL
QUALITY

MOISTURE
PROOF

HIGHER
BAND
WIDTH

MULTICORE ROUND FLEXIBLE CABLES



Wires & Cables

Flexible by Design, Reliable by Performance.

Norwood's Multicore Round Flexible Cables are designed to offer maximum flexibility, durability, and ease of handling across a wide range of electrical applications. These cables feature high-conductivity copper cores, insulated with superior-grade PVC, and are perfectly suited for power and control circuits where frequent bending, twisting, or movement is required. With color-coded or numbered cores for easy identification and a tough outer sheath for mechanical protection, Norwood's multicore cables ensure efficient and safe current transmission in both industrial and domestic environments. Whether used in appliances, control panels, or machinery wiring, they deliver consistent performance and a long service life.

Applications:

Control panels, electrical appliances, industrial machinery, portable equipment, and internal power distribution.



100%
ANNEALING

LONGER
FLEX
LIFE

BUNCHING
100%

TEMP
RANGE
-15°C to 70°C

MORE THAN
100%
CONDUCTIVITY



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Wires & Cables

The Most Trusted Wires in the World.

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Wires & Cables

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