CLEVELAND CABLE COMPANY

RENEWABLE ENERGY

Cable Solutions for Solar, Wind & Energy Storage



CLEVELAND CABLE
COMPANY

DELIVERING THE FUTURE



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TRUSTED FOR ALMOST 50 YEARS

Cleveland Cable Company is the largest cable and cable accessory supplier in the UK and Ireland. With the industry's largest stockholding and an extensive branch network, we deliver trusted cable solutions wherever they are needed, supporting some of the most demanding industries and major projects worldwide. We continually expand our cable range, capabilities and technology to meet evolving customer needs and serve new markets.

We're proud to be the world's first BASEC Registered Stockist, demonstrating our commitment to the highest standards of quality, safety and reliability. Every product we supply conforms to the relevant standards, with cables approved by BASEC where applicable. Our ISO 9001 Quality Management, ISO 14001 Environmental Management and ISO 45001 Occupational Health and Safety certifications underline our commitment to quality, environmental responsibility and workplace safety.

With £160 million of stock for immediate dispatch, 17 hubs across the UK, Ireland, Europe and the UAE, and worldwide logistics by air and sea, we can support projects wherever they are based. Supplier partnerships ensure reliable delivery and pricing.

As a family-owned business, we combine technical expertise with exceptional customer service to deliver complete cable solutions. Continued investment in our people and products ensures we remain responsive to changing industry needs.

POWERING RENEWABLE ENERGY PROJECTS

The shift to renewable energy is reshaping how power is generated, stored, and distributed worldwide. As governments and industries pursue ambitious carbon reduction targets, solar power, wind energy and Battery Energy Storage Systems (BESS) are becoming central to building a sustainable future.

Reliable cable infrastructure is the backbone of every stage of the renewable energy journey. From connecting solar arrays and wind turbines to enabling energy storage and grid integration, high-quality cables deliver safe, efficient and long-lasting performance in the most demanding environments.

Cleveland Cable Company supplies a comprehensive range of low voltage, medium voltage, and earthing cables for renewable installations of every scale. Selected to meet the technical and environmental demands of modern energy infrastructure, our portfolio delivers dependable performance across the full lifecycle from power generation and transmission through to storage and connection.





ExtremeFlex90 Mains & Control Cable • 0.6/1kV Class 5 Copper, EPR, CPE • 1mm²–630mm²

ExtremeFlex90 is a flexible 90°C EPR cable with high resistance to mechanical stress, water, weather and UV exposure. Suitable for fixed and temporary installations, it can be used on worksites, with mobile power supplies, in ports, harbours, water treatment plants, drainage systems and harsh industrial environments. It is suitable for burial in ducts and available from 1mm² to 630mm² in various core configurations. It can be cut to standard 5m, 10m, 15m and 25m patch leads or bespoke lengths and fitted with various terminals.

Voltage Rating
Fixed: 0.6kV - 1kV
Flexing: 450/750 V

Flame Retardancy
BS EN 60332-1-2

Minimum Bending Radius
(Less than 12mm²): 3 x overall diameter
(More than 12mm²): 4 x overall diameter

Temperature Limits
Temperature range:
-40°C to +90°C



H07ZZ-F Flexible Mains & Control Cable • 450/750V LSZH • 1mm²–630mm²

Flexible cable resistant to mechanical stress, water and weather. Suitable for construction sites, mobile power supplies and power units, UPS installations, stage lighting and audio-visual equipment. Its Low Smoke Zero Halogen (LSZH) insulation and sheath make it suitable for internal installations under the Construction Products Regulations 2017.

Voltage Rating
1mm² to 16mm2: 450/750 V
25mm² and above: 600/1000 V

Flame Retardancy
Flame Retardant to
IEC/EN 60332-1-2

Minimum Bending Radius
Fixed: 4 x overall diameter
Flexing: 6 x overall diameter

Temperature Limits
Fixed: -25°C to +90°C





6941AX Mains Cable • BS 5467 • 0.6/1kV XLPE, AWA, PVC • 50mm²–1000mm²

General single core control and power cable for fixed wiring and power networks. Suitable for underground, indoor and outdoor installation in cable ducts. This cable is BASEC approved.

Voltage Rating
600/1000V

Flame Retardancy
BS EN 60332-1-2

Minimum Bending Radius
8 x overall diameter

Temperature Limits
Fixed: -25°C to +90°C



6941AB Power Cable • BS 6724 • 0.6/1kV Copper, XLPE, AWA, LSZH • 50mm²–1000mm²

Designed for use in AC circuits, the aluminium armour prevents magnetic build-up. Suitable for power networks and direct burial where fire and emissions of smoke and toxic fumes create a serious potential threat.

Voltage Rating
600/1000V
(3.3kV also available)

Flame Retardancy
BS EN/IEC 60332-1-2
BS EN/IEC 60332-3-24

Minimum Bending Radius
Fixed: 8 x overall diameter

Temperature Limits
Temperature range:
-20°C to +90°C



BS 5467 Mains & Control Cable • 0.6/1kV Copper, XLPE, SWA, PVC • 1.5mm²–16mm²

Multi-core XLPE-insulated, PVC-sheathed cable manufactured to BS 5467, with Steel Wire Armour (SWA). Suitable for power and auxiliary control applications in power networks, including underground, outdoor and indoor installations and cable ducting.

Voltage Rating
600/1000V

Flame Retardancy
BS EN/IEC 60332-1-2

Minimum Bending Radius
Fixed: 6 x overall diameter
Flexing: 8 x overall diameter

Temperature Limits
Temperature range:
-25°C to +90°C



BS 6724 Mains & Control Cable • 0.6/1kV Copper, XLPE, SWA, LSZH • 1.5mm²–16mm²

Used in power networks, indoors, outdoors, underground and in cable ducting. Suitable for installations where fire, smoke emissions and toxic fumes pose a potential threat to life and equipment. Ideal for public buildings such as airports and railway stations, as well as computer rooms and data centres, where escape may be limited and fire safety is critical.

Voltage Rating
600/1000V
(3.3kV also available)

Flame Retardancy
BS EN/IEC 60332-1-2
BS EN/IEC 60332-3-24

Minimum Bending Radius
Fixed: 6 x overall diameter

Temperature Limits
Maximum operating temperature:
+90°C



NSGAFÖU Cable • 1.8/3kV Class 5 Tinned Copper, EPR, CR • 1.5mm²–500mm²

NSGAFÖU is a single-core flexible rubber cable for power and general wiring. It is widely used in the automation and process control industry, particularly in switch cabinets operating at up to 1.8/3kV. NSGAFÖU is recommended for earth-fault-proof wiring in railways and buses.
It is suitable for installation in dry rooms and provides superior protection against short circuits.

Voltage Rating
1.8/3 (3.6)kV

Flame Retardancy
BS EN 60332-1-2

Minimum Bending Radius
Fixed: 4 x overall diameter
Flexing: 5 x overall diameter

Temperature Limits
Fixed: -40°C to +90°C
Flexing: -25°C to +90°C



Solar PV Energy Cable • 1.0/1.0kV AC H1Z2Z2-K, BS EN 50618 • 1.5mm²–240mm²

Single core, halogen-free solar energy cable for photovoltaic installations. Manufactured to BS EN 50618 and TÜV 2PfG 1169/08.2007, it is suitable for indoor and outdoor use and offers excellent resistance to UV, weather and ozone.

Voltage Rating
1.0/1.0kV AC
1.5/1.5 (1.8kV) DC

Flame Retardancy
BS EN 60332-1-2

Minimum Bending Radius
5 x overall diameter

Temperature Limits
Ambient temperature: −40°C to +90°C
Maximum conductor temperature: 120°C
Maximum short-circuit
temperature: 250°C (max. 5 seconds)



NAYY-J/O Cable • 0.6/1kV
AL, PVC, PVC • 6mm²–630mm²

NAYY cables are low-voltage 0.6/1kV European aluminium conductor power distribution cables. They offer a lighter, lower-cost alternative to copper conductor NYY cables and are available with earth cores (J) or without (O). They are commonly used in the renewable energy industry, particularly within solar farms. The unarmoured cables feature aluminium cores, polyvinyl chloride (PVC) insulation and a PVC outer sheath, making them suitable for fixed installations in buildings, in free air or buried within conduit or trunking.

Voltage Rating
600/1000V

Flame Retardancy
BS EN/IEC 60332-1-2

Minimum Bending Radius
Fixed: 12 x overall diameter
Flexing: 15 x overall diameter

Temperature Limits
Temperature range:
-5°C to +90°C



NYY-J Mains & Control Cable • 0.6/1kV
Copper, PVC, PVC • 1.5mm²–16mm²

NYY unarmoured power and control cable is most suited to energy supply in fixed installations. It can be installed indoors where there is little risk of mechanical damage and fixed to cable trays or walls, or installed within conduits. This cable is not suitable for direct burial.

Voltage Rating
600/1000V

Flame Retardancy
BS EN 60332-1-2

Minimum Bending Radius
12 x overall diameter

Temperature Limits
Fixed: -15°C to +70°C



N2XH Mains Cable • 0.6/1kV
Non-Armoured, LSZH • 1.5mm²–630mm²

These widely used European power cables supply electricity to fixed installations in public buildings and are rated at 600/1000V. They can be fixed to cable trays or walls or installed within conduits. These cables are not suitable for direct burial.

Voltage Rating
AC: 600/1000V
DC: 1.8kV

Flame Retardancy
BS EN 60332-3-24

Minimum Bending Radius
10 x overall diameter

Temperature Limits
Fixed: -30°C to +90°C
Flexing: -5°C up to +90°C



N2XH Class 5 Mains Cable • 0.6/1kV
Non-Armoured, LSZH • 1.5mm²–630mm²

These flexible European power cables are used for electricity supply in fixed installations and are rated at 600/1000V AC and 1.8kV DC. They are primarily used in public buildings where fumes and halogens could pose a risk in the event of fire. The cables can be fixed to cable trays or walls or installed within conduits. They are not suitable for direct burial.

Voltage Rating
AC: 600/1000V
DC: 1.8kV

Flame Retardancy
BS EN/IEC 60332-1-2
BS EN/IEC 60332-3-24

Minimum Bending Radius
5 x overall diameter

Temperature Limits
Temperature range: -40°C to +90°C



NA2XRY Cable • IEC 60502-1 • 0.6/1kV AL, XLPE, SWA, PVC • 25mm²–630mm²

NA2XRY armoured aluminium power cables are rated at 0.6/1kV and designed for fixed installations. Manufactured to IEC 60502-1 and IEC/EN 60332-1-2, they feature Class 2 stranded aluminium conductors, XLPE insulation, PVC bedding and a UV-stabilised PVC outer sheath. Steel wire armour provides robust mechanical protection, making the cables suitable for underground installation, direct burial in free-draining soil and exposed outdoor applications.

Voltage Rating
600/1000V

Flame Retardancy
BS EN/IEC 60332-1-2

Minimum Bending Radius
15 x overall diameter

Temperature Limits
Temperature range:
-5°C to +90°C



LV Solar Single Core Cable • 1.8/3 (3.6)kV AL, XLPE, ATA, HDPE, AD8 • 70mm²–630mm²

For large-scale solar and photovoltaic systems, this single core low-voltage power cable features a compacted stranded aluminium conductor, XLPE insulation, PVC bedding, aluminium tape armour and a UV-resistant HDPE outer sheath. Resistant to heat, moisture, chemicals, abrasion, soil pressure and rodent damage, it suits cable trays, conduits or burial in ducts. Manufactured to IEC 60228 and IEC 60502-1, it is water-resistant to AD8 and available in 70mm²–630mm².

Voltage Rating
1.8/3 (3.6)kV

Temperature Limits
Temperature range:
-15°C to +90°C

Minimum Bending Radius
Fixed: 20 x overall diameter

NA2X2Y Cable • IEC 60502-1 • 0.6/1kV AL, XLPE, MDPE • 16mm²–1000mm²

NA2X2Y cables are low-voltage aluminium power cables with XLPE insulation and an MDPE/HDPE outer sheath for distribution networks. They are used extensively in the renewables and data centre sectors and are suitable for external installation. The cables can be fixed to cable trays or walls, installed within conduits or buried in ducts. The MDPE sheath is UV-resistant and water-resistant to AD7 and AD8.

Voltage Rating
AC: 600/1000V
DC: 1.8kV

Temperature Limits
Maximum operating temperature of conductor: +90°C
Maximum short-circuit temperature up to 5 sec: +250°C

Minimum Bending Radius
Single core 15 x overall diameter
Multicore 12 x overall diameter

NA2X2Y Cable • IEC 60502-1 • 1.8/3kV AL, XLPE, MDPE • 16mm²–1000mm²

NA2X2Y cables are low-voltage aluminium power cables with XLPE insulation and an MDPE/HDPE sheath for distribution networks. They are used extensively in the renewables and data centre sectors and are suitable for external installation. The cables can be fixed to cable trays or walls, installed within conduits or buried in ducts. The MDPE sheath is UV-resistant and water-resistant to AD7 and AD8.

Voltage Rating
AC: 1.8/3 (3.6)kV
DC: 2.7/5.4kV

Temperature Limits
Maximum operating temperature of conductor: +90°C
Maximum short-circuit temperature up to 5 sec: +250°C

Minimum Bending Radius
15 x overall diameter



RV-K Cable • IEC 60502-1 • 0.6/1kV
Class 5 Copper, XLPE, PVC • 1.5mm²–240mm²

RV-K is a flexible low-voltage power distribution cable manufactured to IEC 60502-1 and UNE 21123-2. Its Class 5 copper conductors make it suitable for complex routes in data centres and renewable installations. It can be buried, installed in conduit or used outdoors without additional protection, where permitted. Rated AD8 for water resistance, it permits permanent submersion to 5m. It is also available as a flexible LSZH cable in the RZ-1 range.

Voltage Rating
AC: 0.6/1 (1.2)kV
DC: 0.9/1.8kV

Flame Retardancy
BS EN/IEC 60332-1-2

Minimum Bending Radius
5 x overall diameter

Temperature Limits
Temperature range:
-15°C to +90°C



RV-K Single Core Cable • 1.8/3kV
Copper, XLPE, PVC • 50mm²–630mm²

Single-core RV-K 1.8/3kV is a flexible distribution cable manufactured to IEC 60502-1, with UV resistance to UNE 211605. Its Class 5 copper conductors make it suitable for complex routes in data centres and renewable installations. It can be buried, installed in conduit or used outdoors without additional protection, where permitted by local regulations. CPR-compliant and rated AD8 for water resistance, its PVC outer sheath provides protection against rodents.

Voltage Rating
1.8/3 (3.6)kV

Flame Retardancy
BS EN/IEC 60332-1

Minimum Bending Radius
Fixed: 8 x overall diameter

Temperature Limits
Fixed: -40°C to +90°C
Flexing: -15°C up to +90°C
Minimum installation temperature: -10°C





RZ1-K Power Cable • IEC 60502-1 • 0.6/1kV
Class 5 Copper, XLPE, LSZH • 1.5mm²–630mm²

RZ1-K is a flexible low-voltage power distribution cable manufactured to IEC 60502-1. Its Class 5 copper conductors make it suitable for complex routes found in data centres and renewable installations. It can be buried, installed in conduit or used outdoors without additional protection, where permitted by local regulations. The cable features XLPE insulation and a flame-retardant LSZH outer sheath manufactured in accordance with EN 60332-1-2 and EN 60332-3-24.
RZ1-K is CPR-compliant and is also available with flexible PVC construction in the RV-K range.

Voltage Rating
600/1000V

Flame Retardancy
BS EN/IEC 60332-3-10

Minimum Bending Radius
5 x overall diameter

Temperature Limits
Temperature range:
-15°C to +90°C



RZ1-K (AS) Flexible Cable • 1.8/3kV
Class 5 Copper, XLPE, LSZH • 50mm²–630mm²

RZ1-K (AS) is a single-core flexible copper power and control cable rated at 1.8/3kV.
It features XLPE insulation and an LSZH polyolefin sheath and is suitable for indoor, outdoor and underground lighting installations. The sheath is UV-resistant.

Voltage Rating
1.8/3 (3.6)kV

Minimum Bending Radius
5 x overall diameter (25 ≤ D ≤ 50)
6 x overall diameter (D > 50)

Flame Retardancy
BS EN/IEC 60332-1
BS EN/IEC 60332-3

Temperature Limits
Temperature range: -30°C to +60°C
Maximum conductor temperature: 90°C
Short circuit temperature: +250°C



BS 7870 Single Core Renewables Cable
STR, AL, XLPE, MDPE • 70mm²–1000mm²

Single core medium voltage 33kV stranded aluminium, high voltage cable, for wind farms, solar parks and other renewable energy applications. Suitable for power networks, underground, outdoors and installation in cable ducting. Conforms to BS 7870-4.10. This cable is suitable for direct burial.

Voltage Rating
6.35/11kV
12.7/22kV
19/33kV

Temperature Limits
Maximum conductor temp: 90°C
Maximum operating temp: 130°C
Short Circuit temp: 250°C

Minimum Bending Radius
20 x overall diameter



N2XS(FL)2Y Cable
Copper, XLPE, MDPE • 50mm²–630mm²

Medium-voltage MDPE power cables for distribution networks. These cables are used extensively in the renewables and data centre sectors. N2XS(FL)2Y cables are suitable for external installation and can be fixed to cable trays or walls, installed within conduits or buried in ducts. The cables feature a UV-resistant outer sheath and three water-blocking layers, making them water-resistant.

Voltage Rating
6/10kV
12/20kV
18/30kV

Temperature Limits
Temperature range: -20°C to +60°C
Conductor operating temperature: +90°C
Short circuit temperature up to 5 sec: 250°C

Minimum Bending Radius
15 x overall diameter





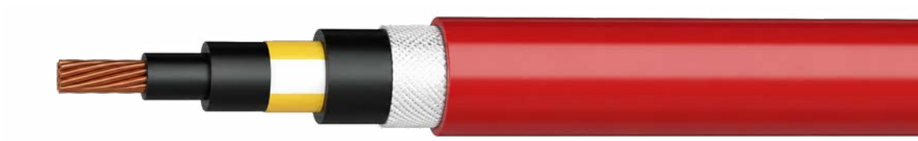
BS 6622 Single Core Mains Cable
Copper, XLPE, AWA, PVC • 50mm²–800mm²

BS6622 armoured power cables are designed for medium-voltage fixed installations in power networks, industrial sites and power stations, indoors, outdoors, underground or in ducts. These single-core cables feature copper conductors, XLPE insulation, screen and water-blocking options, aluminium wire armour, PVC bedding and outer sheath. Suitable for buildings, power stations and switchboards, they can be installed in trays, ducts or buried in free-draining soil.

Voltage Rating
6.35/11kV
12.7/22kV
19/33kV

Temperature Limits
Temperature range:
-15°C to +90°C

Minimum Bending Radius
15 x overall diameter



BS 7835 Single Core Power Cable
Copper, XLPE, AWA, LSZH • 50mm²–630mm²

BS7835 armoured power cables are designed for medium-voltage fixed installations in power networks, industrial sites, power stations and substations. These single-core cables feature copper conductors, XLPE insulation, screen and water-blocking options, aluminium wire armour, LSZH bedding and outer sheath. Suitable for buildings and switchboards, they can be installed in cable trays or ducts, or buried in free-draining soil.

Voltage Rating
6.35/11kV
12.7/22kV
19/33kV

Flame Retardancy
BS EN/IEC 60332-1
BS EN/IEC 60332-3-24

Minimum Bending Radius
15 x overall diameter

Temperature Limits
Maximum operating temp: +90°C
Initial temperature at S.C.C for screen: +80°C
Maximum temp during short circuit: +250°C



MV Solar Single Core Cable • 18/30 (36)kV XLPE, AWA, MDPE • 50mm²–800mm²

This medium voltage armoured power cable is designed for renewable energy projects, including solar parks and wind farms, routing power from inverters and collection stations to the electrical grid. It features semi-conductive layers, copper tape screening, PVC bedding, aluminium wire armour and a durable MDPE outer sheath. Manufactured generally to IEC 60502-2, it is suitable for cable trays, conduits or burial in ducts, with UV and water resistance to AD7.

Voltage Rating
6/10kV
12/20kV
18/30kV

Temperature Limits
Temperature range: -15°C to +90°C

Minimum Bending Radius
Fixed: 15 x overall diameter



MV Solar Single Core Cable • 18/30 (36)kV XLPE, ATA, MDPE • 50mm²–800mm²

This medium voltage armoured power cable is designed for renewable energy projects, including solar parks and wind farms, routing power from inverters and collection stations to the electrical grid. Manufactured generally to IEC 60502-2, it features a Class 2 aluminium conductor to IEC 60228 and aluminium tape armour. Suitable for installation on cable trays, in conduits, fixed to walls or buried in ducts, its MDPE outer sheath is UV-resistant and water-resistant to AD7.

Voltage Rating
6/10kV
12/20kV
18/30kV

Temperature Limits
Temperature range: -15°C to +90°C

Minimum Bending Radius
Fixed: 15 x overall diameter





Li2YCY Multipair Twisted Data Cable • 300/500V Copper, PE, TCWB, PVC

This overall-screened two-pair cable is designed for data and instrumentation equipment. Suitable for signalling, control and measurement applications, it supports the transmission of low-level signals at high data rates. Not suitable for power applications.

Voltage Rating
600/1000V

Flame Retardancy
BS EN/IEC 60332-3-10

Minimum Bending Radius
5 x overall diameter

Temperature Limits
Temperature range:
-15°C to +90°C



Loose Tube Fibre Optic Cable Dielectric Armour, LSZH

Loose tube fibre optic cable for data transmission and telecommunications. Singlemode or multimode fibres are housed within a jelly-filled PBT tube, with anti-rodent glass-yarn dielectric armour providing tensile strength and an LSZH outer sheath. Suitable for optical patch panels, LAN networks, tunnels and enclosed areas.

Fibre Count
4–48 fibres

Flame Retardancy
IEC 60332-1-2

Minimum Bending Radius
10 x diameter fixed
20 x diameter during installation

Temperature Limits
Operating: –20°C to +80°C
Installation: –5°C to +65°C



6491B / H07Z-R Cable • 450/750V
Copper, LSZH • 1.5mm²–630mm²

Most suited for use in conduit and in fixed, protected installations. It can be used in lighting installations, switchgear, control gear and appliances. The Low Smoke Zero Halogen outer sheath is ideal for applications where fire, smoke emissions and toxic fumes could pose a threat.

Voltage Rating
450/750V

Flame Retardancy
BS EN 60332-1-2

Minimum Bending Radius
Fixed: 6 x overall diameter

Temperature Limits
Temperature range: 0°C to +90°C



6491X / H07V-R Cable • 450/750V
Copper, PVC • 1.5mm²–630mm²

6491X is a general-purpose PVC earth cable for fixed installations in trunking or conduit. It may also be surface-mounted. The cable features a stranded, plain annealed, compacted circular copper conductor and a PVC outer sheath. Manufactured to BS EN 50525-3-41, it has the harmonised code H07V-R and is BASEC approved.

Voltage Rating
450/750V

Flame Retardancy
BS EN 60332-1-2

Minimum Bending Radius
(Less than 12mm²): 3 x overall diameter
(More than 12mm²): 4 x overall diameter
(More than 25mm²): 5 x overall diameter

Temperature Limits
Fixed: -15°C to +70°C





2491B / H05Z-K Cable • 300/500V
Flexible Copper, LSZH • 0.75mm²–300mm²

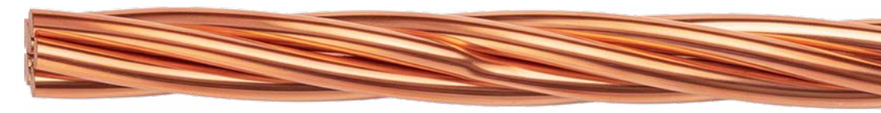
Single core 2491B flexible cable is primarily used for wiring appliances and in metering and switchgear. Its Low Smoke Zero Halogen outer sheath makes it suitable for areas with high pedestrian footfall, such as hospitals, supermarkets, airports and offices, where toxic fumes and emissions could pose a health hazard. The cable features a flexible plain annealed copper conductor and an LSZH outer sheath.

Voltage Rating
0.75mm²–1.0mm²: 300/500V (H05Z-K)
1.5mm²–240mm²: 450/750V (H07Z-K)

Flame Retardancy
BS EN/IEC 60332-1
BS EN/IEC 60332-3-24

Minimum Bending Radius
Up to 35mm²: 4 x overall diameter
Above 35mm²: 6 x overall diameter

Temperature Limits
Fixed: -25°C to +90°C



Bare Copper Cable • 450V
Soft & Hard Drawn

Soft Drawn (BS 6360/81, 1.5mm²–500mm²): Non-insulated, non-sheathed, flexible stranded bare copper cable for use in earthing electrical systems and power distribution networks.

Hard Drawn (BS 7884, 50mm²–120mm²): Non-insulated, non-sheathed, stranded bare hard drawn copper cable for use in earthing electrical systems, overhead line systems and power distribution networks.

Voltage Rating
450V

CABLE APPLICATION GUIDE

Cable	Page	Equipment & Power Conversion	Controls & Auxiliary Systems	Low-Voltage Distribution	Medium Voltage & Grid Connection	Earthing & Protection
LOW VOLTAGE						
ExtremeFlex90	12	✓	✓	✓		
H07ZZ-F	12	✓	✓	✓		
6941AX	13			✓		
6941AB	13			✓		
BS 5467	14		✓	✓		
BS 6724	14		✓	✓		
NSGAFÖU	15	✓	✓			
Solar PV	15	✓				
NAYY-J/O	16			✓		
NYY-J	16		✓	✓		
N2XH Class	17			✓		
N2XH Class 5	17	✓		✓		
NA2XRY	18			✓		
LV Solar	18	✓		✓		
NA2X2Y 0.6/1kV	19			✓		
NA2X2Y 1.8/3kV	19			✓		
RV-K 0.6/1kV	20	✓		✓		
RV-K Single Core 1.8/3kV	20	✓		✓		
RZ1-K	21	✓		✓		
RZ1-K (AS)	21	✓		✓		
MEDIUM VOLTAGE						
BS 7870	22				✓	
N2XS(FL)2Y	22				✓	
BS 6622	23				✓	
BS 7835	23				✓	
MV Solar AWA	24				✓	
MV Solar ATA	24				✓	
DATA & COMMUNICATIONS						
LI2YCY	25		✓			
SLO Single Tube Fibre Optic	25		✓			
EARTHING						
6491B / H07Z-R	26					✓
6491X / H07V-R	26					✓
2491B / H05Z-K	27					✓
Bare Copper – Soft Drawn	27					✓
Bare Copper – Hard Drawn	27					✓

Cable selection is dependent on project specifications and installation conditions. Please contact our technical team for guidance.

CUSTOMER JOURNEY

From initial enquiry through to delivery and after-sales support, our experienced team works closely with you to understand your requirements, provide expert guidance and keep your project on track.

e sales@clevelandcable.com
t 01642 241 133

1
ENQUIRY
Our experienced team takes the time to understand your requirements and advise on products and specifications

2
QUOTATION
Expert knowledge informs a detailed, tailored quotation based on your specific project requirements

3
ORDER FULFILMENT
Dedicated order management and careful coordination keep your project running smoothly and to schedule

4
QUALITY ASSURANCE
Rigorous testing in our UKAS-accredited laboratory ensures quality, compliance and reliable performance before dispatch

5
EPOD TRACKING
Tracking, photographic evidence and electronic sign-off provide instant, accurate proof of delivery

6
DELIVERY SOLUTIONS
Our extensive logistics network provides fast, flexible delivery across the UK and worldwide, tailored to project timescales

7
AFTER-SALES SUPPORT
Dedicated support continues after delivery, providing expert assistance whenever your project requires it

Our Accessory Partners

Cleveland Cable Company partners with trusted manufacturers to offer a comprehensive range of cable accessories, delivering reliable, high-quality solutions for every installation. Our trusted partner brands provide products designed to complement our cable range and support projects across a wide range of industries and applications.

INDUSTRIAL CABLE GLANDS

For all types of Unarmoured & Braided/Screened Cables



TSP



TSZ

For all types of Unarmoured & Braid Armoured Cable



A2

For all types of Steel & Aluminium Wire Armoured Cables



E1W



CW

CABLE CLEATS



Single



Trefoil



Quad

CABLE LUGS



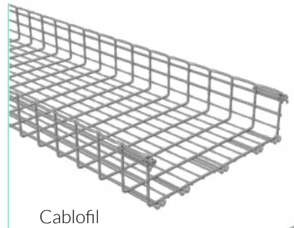
CMP
Cable Glands, Cleats & Lugs

CMP is a global leader in innovative cable management solutions designed to deliver compliant and reliable connections, every time.

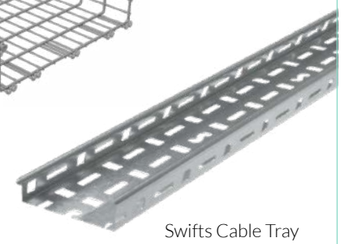
For renewable energy projects, CMP cable glands, cleats and lugs are engineered to help manage the demands of wind, solar, battery storage and grid infrastructure. Cable glands are commonly supplied in brass, with aluminium, nickel-plated brass and stainless steel options also available, while cable cleats are available in aluminium or stainless steel, depending on the product and application.

The range supports protection against environmental ingress, vibration and mechanical stress, while helping ensure reliable and effective installation – improving electrical performance, enhancing safety, extending asset life and supporting successful project delivery.

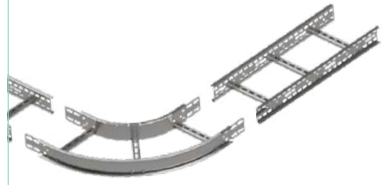
Delivering a complete turnkey service, from design, testing and manufacturing through to installation training, CMP combines engineering expertise with manufacturing excellence to ensure its products meet and often exceed industry standards.



Cablofil Basket Tray



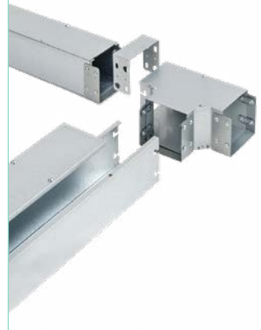
Swifts Cable Tray



Swifts Cable Ladder



Salamandre Trunking



Salamandre Secure Trunking

LEGRAND
Cable Management & Containment

Legrand provides innovative cable management and containment systems suitable for renewable energy infrastructure, including solar, wind and battery energy storage installations.

Offering solutions including cable tray, cable ladder and trunking, Legrand products support the safe, organised and efficient routing of power, control and communication cables. Engineered for strength, reliability and ease of installation, these systems are suited to demanding environments and complex projects.

Available in pre-galvanised steel, hot dip galvanised, deep galvanised and stainless steel finishes, these systems can be matched to the installation environment and site conditions, providing effective cable protection and dependable long-term performance.

Our Accessory Partners

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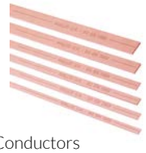

Conductors
Copper & aluminium tapes, bars, conductors, braids and surge counters.



Earth rods & accessories
Copperbond, copper & stainless steel earth rods, drivers and seals.



Conductor clips & clamps
Metallic & non-metallic clips for tapes and conductors, clamps and connectors.



Earth plates & compounds
Copper & stainless steel earth plates and earthing compounds.



Earth bars
Standard or tinned earth bars, links, telecom and equipotential bonding bars.



Earth rod connectors
Rod-to-tape, rod-to-cable, U-bolt, GUV, rebar and compression connectors.



Earth bonding
Bonding points, earth bars, eyebolts, copper braids and bosses.



Lightning protection
Copper & aluminium air terminals, bases, strike pads, couplers and flanges.



Surge protection
Surge devices for power, data, telecoms and photovoltaic systems.



Exothermic welding
Welding moulds, handle clamps, weld powders and tools.

A.N. WALLIS
Earthing & Lightning Protection

Wallis delivers trusted earthing and lightning protection solutions designed to help safeguard electrical systems and critical infrastructure across a wide range of applications.

With a comprehensive portfolio including earthing products, conductors, earth bars and lightning protection components, Wallis solutions are engineered to provide dependable performance in demanding environments. Their products are designed and manufactured to support safe, effective and long-term installation requirements.

Supported by extensive technical expertise and a commitment to quality, Wallis products are used across industrial, commercial and infrastructure projects worldwide. Designed to meet recognised industry standards, Wallis solutions help ensure reliable protection and system integrity.

Separable Connectors



Interface A



Interface C



Interface F



Coupling Connectors – Interface C



Surge Arresters



Slip-on termination



Single Core Straight Joint



Heat-Shrink Terminations – Indoor and Outdoor



Heat-Shrink JTS & Multi-Joints



Pre-Terminated Power Cables

NEXANS
Power Cable Accessories

Nexans provides cable connection solutions that support reliable power distribution across renewable energy projects. For medium-voltage installations, Nexans accessories connect cables to equipment such as transformers, switchgear and ring main units (RMUs) in solar, wind and battery storage projects and their associated grid infrastructure. For offshore wind projects, Nexans also offers EUROMOLD® power cable accessories rated up to 72.5 kV.

Nexans' portfolio includes EUROMOLD® separable and coupling connectors, surge arresters, heat-shrink joints, indoor and outdoor terminations, and pre-terminated power cables. These ergonomically designed solutions support flawless, secure electrical connections, with compact connector designs offering flexibility where installation space is limited.

Backed by more than 60 years of power accessories expertise, specialist manufacturing and rigorous electrical testing, Nexans combines product innovation with proven engineering knowledge. Across renewable energy infrastructure, where reliability is essential, Nexans accessories enable safe installation and deliver dependable long-term performance.





✓ TEST ✓ VERIFY ✓ ASSURE

TESTED FOR QUALITY PROVEN TO PERFORM

Underpinning our long-standing commitment to excellence, Cleveland Cable Company's purpose-built, UKAS-accredited Quality Assurance Laboratory delivers rigorous in-house testing at our Middlesbrough headquarters. The facility confirms the quality, compliance and reliable performance of every cable we supply before dispatch.

From initial inspection and sample selection to electrical, dimensional and mechanical testing, our qualified team uses calibrated equipment and documented procedures to verify cable construction and performance. This identifies potential defects before installation, reduces project risk and gives customers total confidence that the cable specified is the cable delivered.

RIGOROUS TESTING. VERIFIED RESULTS

Cable samples are assessed against applicable product standards and customer specifications, verifying construction, electrical performance and material durability before dispatch.

UKAS-ACCREDITED TESTING INCLUDES

- Conductor resistance testing
- Cable construction and dimensional testing
- Cable sheath and insulation tensile elongation testing

Together, these tests help identify manufacturing inconsistencies, confirm compliance and reduce the risk of cable failure, installation delays and costly replacement.





CONFIDENCE BUILT ON TESTING AND COMPLIANCE

CLEVELAND CABLE TEST & TRAINING LAB

INDEPENDENT QUALITY ASSURANCE

BASEC REGISTERED STOCKIST
Certificate SKT-001

Cleveland Cable Company was the first cable distributor in the world to achieve BASEC Registered Stockist status. The accreditation demonstrates our commitment to cable quality, traceability and responsible stock management.

UKAS ACCREDITED LABORATORY
ISO/IEC 17025

This accreditation demonstrates our laboratory's technical competence, impartiality and consistent operation, providing confidence in the accuracy and reliability of its test results.

BSI ELECTRIC CABLES KITEMARK
Certificate KM712695

Awarded for the batch testing of electrical and other cables, the BSI Kitemark independently verifies our documented procedures, cable sampling and internal testing systems.

ISO 9001 QUALITY MANAGEMENT
Quality Management System

Our certified quality management system supports consistent processes, continual improvement and the reliable supply of products that meet customer and regulatory requirements.

100%
WASTE DIVERTED FROM LANDFILL

SUPPORTING NET ZERO

INVESTING IN RENEWABLE ENERGY

Solar installations provide a combined installed capacity of **626 kWp** across five UK sites. A further **167 kWp** installation is currently under construction at our new head office, further reducing operational emissions and improving energy efficiency.

LANDFILL DIVERSION RATE

Over the past 12 months, **100%** of waste collected through our waste management programme has been diverted from landfill, supporting the recycling, recovery and repurposing of materials wherever possible.

RESPONSIBLE LOGISTICS

Almost **25%** of our vehicle fleet is now electric, supporting our transition to lower-carbon transport. We optimise our road and sea freight networks to improve efficiency and **reduce emissions**, while continuing to explore alternative fuels, including HVO and biofuels, across our logistics operations.

WASTE RECYCLED OR RECOVERED

Through responsible waste management and resource recovery initiatives, **98.2%** of the 1,864 tonnes of operational waste generated across the business is recycled or recovered, helping maximise material value, minimise environmental impact and save over 18,000 kg of CO_2.

CABLE DRUM REUSE & RECYCLING

Through our free cable drum return scheme, more than **58,000** cable drums and almost **3,000** pallets are collected each year for reuse. Any damaged materials are responsibly recycled, supporting our ongoing commitment to a circular economy.

EMISSIONS REDUCTION TARGET

We are committed to reducing our Scope 1 and Scope 2 greenhouse gas emissions by **42%** by 2031, using 2021 as our baseline year, in line with our Science Based Targets initiative (SBTi) commitment.

CABLE COLLECTION RECYCLING

Our cable collection scheme helps customers **recycle unused cable** at the end of projects. Copper and aluminium conductors are recovered for recycling, helping reduce waste, conserve resources and give valuable materials a new purpose.

ENVIRONMENTAL REPORTING

Our environmental performance is supported by internationally recognised standards and reporting frameworks, including **ISO 14001**, **SECR** and **ESOS**, demonstrating our commitment to continual improvement.



OUR COMMITMENT TO SUSTAINABILITY

Sustainability isn't an add-on – it's at the core of who we are. From investing in renewable technologies and improving energy efficiency to reducing greenhouse gas emissions and working closely with our customers and supply chain, we're committed to minimising our environmental impact. Through continual improvement and long-term investment, we're driving the transition towards net zero and helping build a cleaner, more sustainable energy future.

17
OPERATING HUBS
Across the UK, Ireland, Europe and the UAE, providing local support and project coverage

£160m
STOCKHOLDING
The UK's largest cable stock, helping reduce lead times and keep projects moving

90+
DELIVERY VEHICLES
FORS Silver-accredited road fleet supporting flexible UK and worldwide logistics

40+
COUNTRIES SERVED
Delivering reliable cable solutions to customers across established international markets

NATIONAL COVERAGE GLOBAL REACH

With extensive stockholding, a dedicated logistics network and a commitment to customer service, we provide dependable cable supply solutions for projects of every scale. Fast, efficient delivery across UK and international markets helps maintain project schedules from specification through to delivery.

STOCKHOLDING & AVAILABILITY

Backed by one of the UK's largest cable stockholdings, we provide immediate access to a comprehensive range of low and medium voltage cable solutions. This extensive availability reduces lead times, sharpens project planning and keeps projects moving.

LOGISTICS & DELIVERY

Supported by our FORS Silver-accredited fleet and experienced logistics team, we deliver safe, reliable and flexible solutions tailored to customer requirements. From scheduled deliveries to project-specific logistics support, we help minimise downtime and keep projects on track.







DUBAI
Middle East Operations

LOCAL EXPERTISE GLOBAL REACH

Our distribution network supports local supply, while road, sea and air freight connect us with customers worldwide.





GLASGOW
Scotland Distribution



DUBLIN
Ireland Distribution



NEWCASTLE
North East Distribution



WARRINGTON
North West Distribution



MIDDLESBROUGH
Headquarters



BIRMINGHAM
Midlands Distribution



BRISTOL
South West Distribution



NORTHAMPTON
Central UK Distribution



LONDON
South East Distribution

SCAN TO ENQUIRE

Complete our online enquiry form, and a member of our team will be in touch to discuss your requirements.

CLEVELAND CABLE COMPANY

w clevelandcable.com

e sales@clevelandcable.com

t 01642 241 133