



CLEVELAND CABLE
COMPANY



THE POWER TO CONNECT

Cable Solutions for the
World's Leading Utilities

Supply

Delivery

Service

DNO Approved Cables



Distribution Network Operator Map - Mainland UK

- Scottish & Southern Electricity Networks
- SP Energy Networks
- Electricity North West
- Northern Powergrid
- UK Power Networks
- National Grid

Cleveland Cable Company supply a comprehensive range of Distribution Network Operator (DNO) approved cables from stock. This includes the full range of cables used by electric utilities from low voltage to medium voltage connections and extra high voltage cables covering applications across transmission and distribution.

CABLES IN THE RANGE INCLUDE:

- 11kV Triplex
- 11kV Three Core
- 33kV Single Core
- Low Voltage Waveform
- Straight Concentric
- Split Concentric

Our technical staff are highly experienced in assisting customers with the selection of DNO approved cables for a variety of projects.

Over our 46 years of business we have developed close ties with the utility industry, and regularly work in partnership with our customers to develop and gain approval for new cable products.

Please contact us to discuss your project and maintenance specifications

For more information contact:
01642 241 133



Cleveland Cable Company
www.clevelandcable.com



NATIONAL GRID ELECTRICITY DISTRIBUTION (NGED) APPROVED 11KV TRIPLEX CABLE

CONDUCTOR: Solid Aluminium Conductors

INSULATION: XLPE (Cross Link Polyethylene)

INSULATION SCREEN: Semi-Conductive Compound

SCREEN: 35mm Copper Wires

WATER BLOCKING: Longitudinal Water Block Tape Under and Over Metallic Screen

SHEATH: MDPE (Medium Density Polyethylene)

SHEATH COLOUR: Red



CCC Code	Cores	Conductor	Screen
NGED11KVTRIP3X150AL	3	150mm	35mm
NGED11KVTRIP3X240AL	3	240mm	35mm
NGED11KVTRIP3X300AL	3	300mm	35mm

UK POWER NETWORKS (UKPN) APPROVED 11KV TRIPLEX CABLE

CONDUCTOR: Solid Aluminium Conductors

INSULATION: XLPE (Cross Link Polyethylene)

METALLIC SCREEN: Aluminium Wires

WATER BLOCKING: Tape, Helically Applied

SHEATH: MDPE (Medium Density Polyethylene)

SHEATH COLOUR: Red



CCC Code	Cores	Conductor	Screen
UKPN11KVTRIP3X95AL	3	95mm	58mm
UKPN11KVTRIP3X185AL	3	185mm	115mm
UKPN11KVTRIP3X300AL	3	300mm	115mm

NORTHERN POWER GRID (NPG) APPROVED 11KV TRIPLEX CABLE

CONDUCTOR: Solid Aluminium Conductors

INSULATION: XLPE (Cross Link Polyethylene)

METALLIC SCREEN: Copper Wires and Tape

WATER BLOCKING: Tape, Helically Applied

SHEATH: MDPE (Medium Density Polyethylene)

SHEATH COLOUR: Red



CCC Code	Cores	Conductor	Screen
NPG11KVTRIP3X95AL	3	95mm	35mm
NPG11KVTRIP3X185AL	3	185mm	35mm
NPG11KVTRIP3X300AL	3	300mm	35mm

For more information contact:
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ELECTRICITY NORTH WEST (ENW) APPROVED 11KV TRIPLEX CABLE

CONDUCTOR: Solid Aluminium Conductors

INSULATION: XLPE (Cross Link Polyethylene)

METALLIC SCREEN: Copper Wires and Tape

WATER BLOCKING: Tape, Helically Applied

SHEATH: MDPE (Medium Density Polyethylene)

SHEATH COLOUR: Red



CCC Code	Cores	Conductor	Screen
ENW11KVTRIP3X95AL	3	95mm	35mm
ENW11KVTRIP3X185AL	3	185mm	35mm
ENW11KVTRIP3X300AL	3	300mm	35mm

UK POWER NETWORKS (UKPN) APPROVED 11KV COPPER TRIPLEX CABLE

CONDUCTOR: Class 2 Stranded Copper Conductors

INSULATION: XLPE (Cross Link Polyethylene)

METALLIC SCREEN: Aluminium Wires Helically Applied

WATER BLOCKING: Tape, Helically Applied

SHEATH: PE (Polyethylene Type S17)

SHEATH COLOUR: Red



CCC Code	Cores	Conductor	Screen
UKPN11KVTRIP3X300CU	3	300mm	115mm

For more information contact:
01642 241 133





SCOTTISH POWER ENERGY NETWORKS (SPEN) 11KV SINGLE CORE ALUMINIUM CONDUCTORS

CONDUCTOR: Class 1 Solid Aluminium Conductor

CONDUCTOR SCREEN: Fully Bonded Semi-Conductive Compound

INSULATION: XLPE (Cross-Linked Polyethylene)

INSULATION SCREEN: Semi-Conductive Compound

SCREEN: Copper Wires and Helical Equalising Copper Tape

SEPARATOR: Binding Tape Helically Applied

SHEATH: MDPE (Medium-Density Polyethylene)

SHEATH COLOUR: Red

VOLTAGE RATING: 6350V/11000V (11kV)



CCC Code	Cores	Size
SPEN11KVMDPE1X95	1	95mm
SPEN11KVMDPE1X185	1	185mm
SPEN11KVMDPE1X300	1	300mm

SCOTTISH POWER ENERGY NETWORKS (SPEN) 11KV LSZH POWER CABLE

CONDUCTOR: Solid Aluminium Conductor

CONDUCTOR SCREEN: Semi-Conductive Compound

INSULATION: XLPE (Cross-Linked Polyethylene)

INSULATION SCREEN: Semi-Conductive Compound

SCREEN: Copper Wires and Helical Equalising Copper Tape

SHEATH: LSZH (Low Smoke Zero Halogen)

SHEATH COLOUR: Orange

VOLTAGE RATING: 6350V/11000V (11kV)



CCC Code	Cores	Size
SPEN11KVLSZH1X300OR	1	300mm

SCOTTISH AND SOUTHERN ELECTRICITY NETWORKS (SSE) BS7870 11KV SAC MDPE SCREENED POWER CABLE

CONDUCTOR: Class 2 Stranded Circular Compacted Aluminium Conductor

CONDUCTOR SCREEN: Fully Bonded Semi-Conductive Compound

INSULATION: XLPE (Cross-Linked Polyethylene)

INSULATION SCREEN: Semi-Conductive Compound

SCREEN: Copper Wires and Helical Equalising Copper Tape

SEPARATOR: Binding Tape Helically Applied

SHEATH: MDPE (Medium-Density Polyethylene)

SHEATH COLOUR: Red

VOLTAGE RATING: 6350V/11000V (11kV)



CCC Code	Cores	Size
SSE11KVMDPE3X95AL	3	95mm
SSE11KVMDPE3X150AL	3	150mm
SSE11KVMDPE3X240AL	3	240mm
SSE11KVMDPE3X300AL	3	300mm

For more information contact:
01642 241 133





33KV SINGLE CORE MDPE SERVICE CABLE

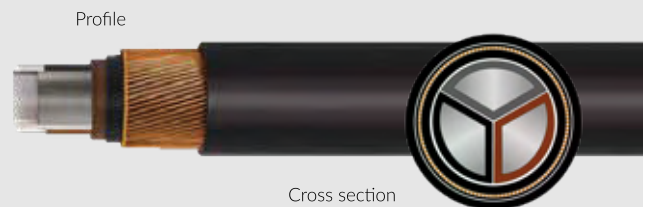
CONDUCTOR: Stranded Aluminium Conductors
INSULATION: XLPE (Cross Link Polyethylene)
TAPE: Semi-Conductive Water Blocking Tape
METALLIC SCREEN: Copper Wire Screen
SEPARATOR: Copper Tape (O.H.), Non-Conductive Water Blocking Tape
SHEATH: MDPE (Medium-Density Polyethylene)
SHEATH COLOUR: Black



CCC Code	Cores	Size
33KV1X70AL	1	70mm
33KV1X800AL	1	800mm

LV WAVEFORM PVC LOW VOLTAGE ALUMINIUM WAVEFORM CABLE

CONDUCTOR: Class 1 Solid Aluminium Conductor
INSULATION: XLPE (Cross Link Polyethylene)
SEPARATOR: Binding Tape
BEDDING: Rubber
CONCENTRIC CONDUCTOR: Plain Copper Wires
SHEATH: PVC (Polyvinyl Chloride)
SHEATH COLOUR: Black
VOLTAGE RATING: 600/1000V



CCC Code	Cores	Size
WAVE3X95	3	95mm
WAVE3X185	3	185mm
WAVE3X300	3	300mm
WAVE4X95	4	95mm
WAVE4X185	4	185mm
WAVE4X300	4	300mm

LV WAVEFORM LSZH LOW VOLTAGE ALUMINIUM WAVEFORM CABLE

CONDUCTOR: Class 1 Solid Aluminium Conductor
INSULATION: XLPE (Cross Link Polyethylene)
SEPARATOR: Binding Tape
BEDDING: Rubber
CONCENTRIC CONDUCTOR: Plain Copper Wires
SHEATH: LSZH (Low Smoke Zero Halogen)
SHEATH COLOUR: Orange
VOLTAGE RATING: 600/1000V



CCC Code	Cores	Size
WAVE3X95LSZH	3	95mm
WAVE3X185LSZH	3	185mm
WAVE3X300LSZH	3	300mm
WAVE4X95LSZH	4	95mm
WAVE4X185LSZH	4	185mm
WAVE4X300LSZH	4	300mm

For more information contact:
01642 241 133





DNO APPROVED CNE ALUMINIUM STRAIGHT CONCENTRIC CABLE

CNE (COMBINED NEGATIVE & EARTH) CONSTRUCTION FOR MODERN INSTALLATIONS

CONDUCTOR: Solid Aluminium Conductor

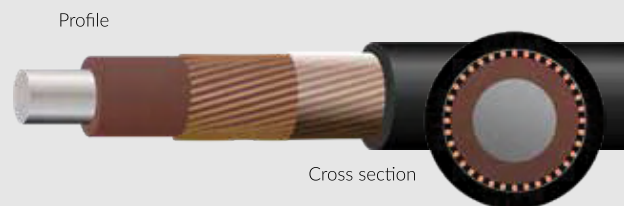
INSULATION: XLPE (Cross Link Polyethylene)

CONCENTRIC CONDUCTOR: Plain Copper Wires, Single Layer, with Helically Wound Tape

SHEATH: PVC (Polyvinyl Chloride)

SHEATH COLOUR: Black

VOLTAGE RATING: 600/1000V



CCC Code	Cores	Size
25STRCONAL	1	25mm
35STRCONAL	1	35mm
3X25STRCONAL	3	25mm
3X35STRCONAL	3	35mm

DNO APPROVED CNE COPPER STRAIGHT CONCENTRIC CABLE

CNE (COMBINED NEGATIVE & EARTH) CONSTRUCTION FOR MODERN INSTALLATIONS

CONDUCTOR: Stranded Copper Conductor

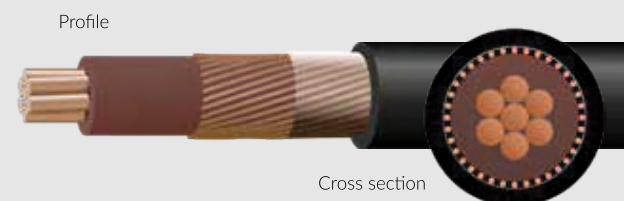
INSULATION: XLPE (Cross Link Polyethylene)

CONCENTRIC CONDUCTOR: Plain Copper Wires, Single Layer, with Helically Wound Tape

SHEATH: PVC (Polyvinyl Chloride)

SHEATH COLOUR: Black

VOLTAGE RATING: 600/1000V



CCC Code	Cores	Size
4STRCON	1	4mm
16STRCON	1	16mm

For more information contact:
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DNO APPROVED ALUMINIUM SPLIT CONCENTRIC CABLE

SNE (SEPARATE NEUTRAL & EARTH) CONSTRUCTION FOR USE IN OLDER INSTALLATIONS

CONDUCTOR: Solid Aluminium Conductor

INSULATION: XLPE (Cross Link Polyethylene)

NEUTRAL CONDUCTOR: Plain Copper Wire covered in Blue Polymeric Compound

EARTH CONTINUITY CONDUCTOR: Plain Copper

STRING SEPARATOR: Non Hygroscopic Separator

SHEATH: PVC (Polyvinyl Chloride)

SHEATH COLOUR: Black

VOLTAGE RATING: 600/1000V



CCC Code	Cores	Size
25SPLITCONAL	1	25mm
35SPLITCONAL	1	35mm
3X25SPLITCONAL	3	25mm
3X35SPLITCONAL	3	35mm

CONDUCTOR: Solid Aluminium Conductor

INSULATION: XLPE (Cross Link Polyethylene)

NEUTRAL CONDUCTOR: Plain Copper Wire covered in Blue Polymeric Compound

EARTH CONTINUITY CONDUCTOR: Plain Copper

STRING SEPARATOR: Non Hygroscopic Separator

SHEATH: LSZH (Low Smoke Zero Halogen)

SHEATH COLOUR: Orange

VOLTAGE RATING: 600/1000V



CCC Code	Cores	Size
25SPLITCONALOR	1	25mm
35SPLITCONALOR	1	35mm
3X25SPLITCONALOR	3	25mm
3X35SPLITCONALOR	3	35mm

DNO APPROVED COPPER SPLIT CONCENTRIC CABLE

SNE (SEPARATE NEUTRAL & EARTH) CONSTRUCTION FOR USE IN OLDER INSTALLATIONS

CONDUCTOR: Stranded Copper Conductor

INSULATION: XLPE (Cross Link Polyethylene)

NEUTRAL CONDUCTOR: Plain Copper Wire covered in Blue Polymeric Compound

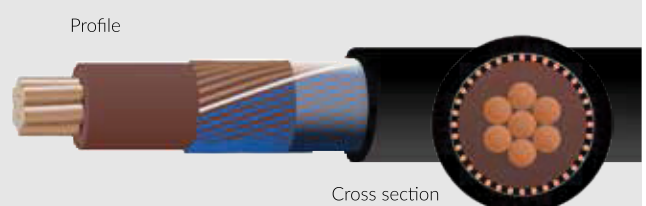
EARTH CONTINUITY CONDUCTOR: Plain Copper

STRING SEPARATOR: Non Hygroscopic Separator

SHEATH: PVC (Polyvinyl Chloride)

SHEATH COLOUR: Black

VOLTAGE RATING: 600/1000V



CCC Code	Cores	Size
4SPLITCON	1	4mm
16SPLITCON	1	16mm
25SPLITCON	1	25mm

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SINGLE CORE, DOUBLE INSULATED SURFACE WIRING CABLE

CORES: 1 Core

SIZES: 1.5mm² - 120mm²

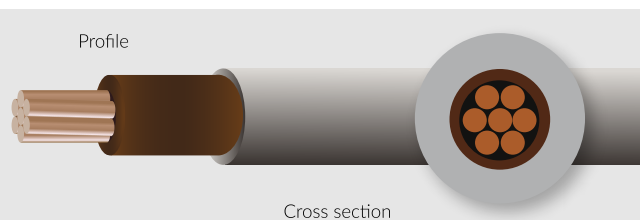
CONDUCTOR 1-2.5MM: Solid Conductor

CONDUCTOR ABOVE 2.5MM: Plain Annealed Stranded Circular Copper Conductor, Single Core

INSULATION: PVC (Polyvinyl Chloride)

SHEATH: PVC

SHEATH COLOUR: Brown/Grey, Blue/Grey, Brown/Brown or Blue/Blue



CORES: 1 Core

SIZES: 1.5mm² - 120mm²

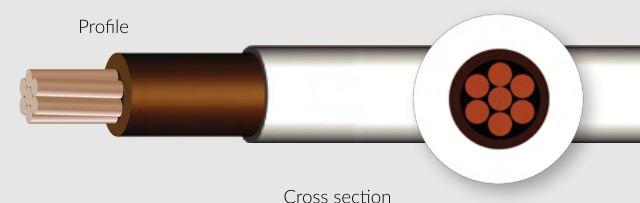
CONDUCTOR 1-2.5MM: Solid Conductor

CONDUCTOR ABOVE 2.5MM: Plain Annealed Stranded Circular Copper Conductor, Single Core

INSULATION: XLPE (Cross Link Polyethylene) available in Brown or Blue

SHEATH: LSZH (Low Smoke Zero Halogen)

SHEATH COLOUR: Brown/White, Blue/White, Brown/Grey, Blue/Grey, Brown/Brown or Blue/Blue



GENERAL PVC SINGLE CORE EARTH CABLE

CORES: 1 Core

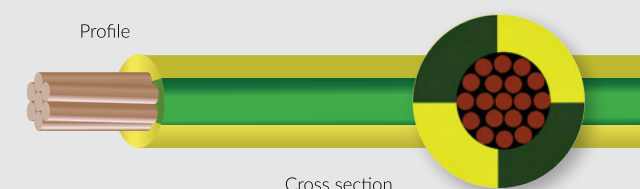
SIZES: 1.5mm² - 630mm²

CONDUCTOR: Stranded Plain Annealed Compacted Circular Copper Conductor

SHEATH: LSZH (Low Smoke Zero Halogen)

SHEATH COLOUR: Various

VOLTAGE RATING: 450/750V



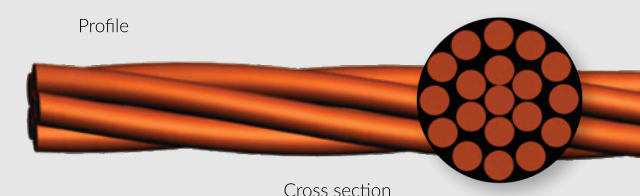
BARE COPPER CABLE

STRANDS: 7 - 61

SIZES: 6mm² - 400mm²

CONDUCTOR: Stranded Plain Annealed Compacted Circular Copper Conductor, Non Insulated and Non Sheathed

VOLTAGE RATING: 450V



For more information contact:
01642 241 133





Cable and Drum Recycling Service



Cleveland Cable Company aims to achieve zero waste to landfill, alongside an increased use of sustainable and recycled materials.

- Unused cables at the end of projects collected and recycled
- Copper and aluminium conductors recycled
- Wooden drums, plys and pallets collected and recycled

Find out more on why we are committed to **Sustainability** on our website.



For more information contact:
01642 241 133





Certified Testing



Cleveland Cable Company conducts in-house cable testing and quality assurance at our Middlesbrough headquarters to meet customer requirements.

Our lab facilities are state-of-the-art, testing cables from across our industry leading product range on a broad array of metrics. Results are compiled, collated, and made available to customers as part of our supply chain documentation; an audit trail showing full quality assurance at each critical stage of the manufacturing to installation pathway.

QA accreditations and credentials include:



For more information contact:
Jason Hodgkinson, QA Manager **01642 757 300**

Why Choose us?



Delivering
value & trust
globally for over
46 years



Dedicated
Account Managers



Complimentary Storage
Until Required



Specially Equipped
Delivery Fleet



£100 Million
Speculative Stock



Order Tracking



Project
Site Meetings



Guaranteed
Contract Stock



Measurable
KPIs & Targets



Accredited
Quality of Service