



**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

### 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

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.

For more information contact:  
**01642 241 133**

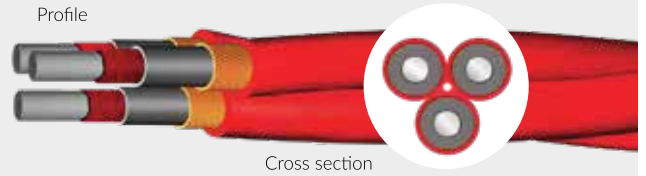




## 11KV TRIPLEX

### 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 APPROVED TRIPLEX CABLE

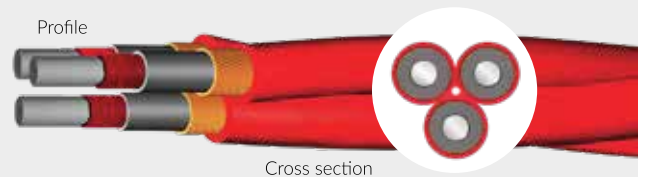
- CONDUCTOR:** Solid Aluminium Conductors
- INSULATION:** XLPE (Cross Link Polyethylene)
- METALLIC SCREEN:** Aluminium Wires
- WATER BLOCKING:** Tape, Helically Applied
- SHEATH:** MDPE (Medium Density Polyethylene)
- SHEATH COLOUR:** Red



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

### NPG APPROVED TRIPLEX CABLE

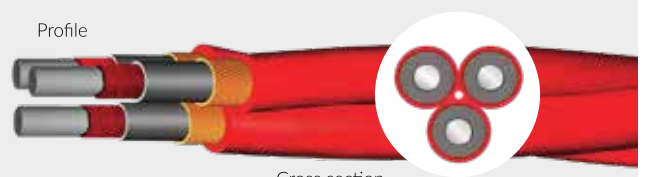
- CONDUCTOR:** Solid Aluminium Conductors
- INSULATION:** EPR (Ethylene Propylene Rubber)
- METALLIC SCREEN:** Copper Wires and Tape
- WATER BLOCKING:** Tape, Helically Applied
- SHEATH:** MDPE (Medium Density Polyethylene)
- SHEATH COLOUR:** Red



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

### ELECTRICITY NORTHWEST APPROVED 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

For more information contact:  
**01642 241 133**





## 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
SPEN11KVM DPE1X95	1	95mm
SPEN11KVM DPE1X185	1	185mm
SPEN11KVM DPE1X300	1	300mm

## 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
SPEN11KVL SZH1X300OR	1	300mm

## 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
SSE11KVM DPE3X95AL	3	95mm
SSE11KVM DPE3X150AL	3	150mm
SSE11KVM DPE3X240AL	3	240mm
SSE11KVM DPE3X300AL	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:** Orange  
**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
LSZH3X95	3	95mm
LSZH3X185	3	185mm
LSZH3X300	3	300mm
LSZH4X95	4	95mm
LSZH4X185	4	185mm
LSZH4X300	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
16STRCON	1	16mm

For more information contact:  
**01642 241 133**





## 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) or LSZH (Low Smoke Zero Halogen)

**SHEATH COLOUR:** Black (PVC) or Orange (LSZH)

**VOLTAGE RATING:** 600/1000V



CCC Code	Sheath	Cores	Size
25SPLITCONAL	PVC	1	25mm
35SPLITCONAL	PVC	1	35mm
3X25SPLITCONAL	PVC	3	25mm
3X35SPLITCONAL	PVC	3	35mm
25SPLITCONALOR	LSZH	1	25mm
35SPLITCONALOR	LSZH	1	35mm
3X25SPLITCONALOR	LSZH	3	25mm
3X35SPLITCONALOR	LSZH	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) or LSZH (Low Smoke Zero Halogen)

**SHEATH COLOUR:** Black (PVC) or Orange (LSZH)

**VOLTAGE RATING:** 600/1000V



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

For more information contact:  
**01642 241 133**





## PVC SINGLE CORE, DOUBLE INSULATED SURFACE WIRING CABLE

**CONDUCTOR 1-2.5MM:** Solid Conductor

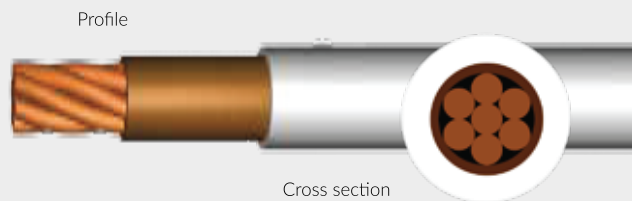
**CONDUCTOR ABOVE 2.5MM:** Plain Annealed Stranded Circular Copper Conductor, Single Core

**INSULATION:** PVC (Polyvinyl Chloride)

**SHEATH:** PVC

**SHEATH COLOUR:** Grey or White

**VOLTAGE RATING:** 300/500V (120mm<sup>2</sup> rated at 600/1000V)



CCC Code	Cores	Size
6181Y1/5	1	1.5mm
6181Y2/5	1	2.5mm
6181Y4	1	4mm
6181Y6	1	6mm
6181Y10	1	10mm
6181Y16	1	16mm
6181Y25	1	25mm
6181Y35	1	35mm
6181Y50	1	50mm
6181Y70	1	70mm
6181Y95	1	95mm
6181Y120	1	120mm

## GENERAL PVC SINGLE CORE EARTH CABLE

**CORES:** 1 Core

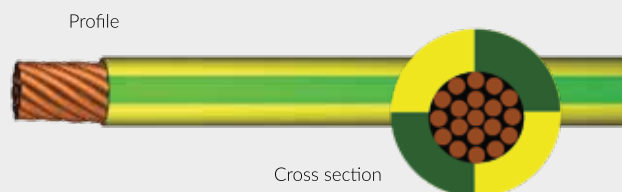
**SIZES:** 1.5mm<sup>2</sup> - 630mm<sup>2</sup>

**CONDUCTOR:** Stranded Plain Annealed Compacted Circular Copper Conductor

**SHEATH:** LSZH (Low Smoke Zero Halogen)

**SHEATH COLOUR:** Various

**VOLTAGE RATING:** 450/750V



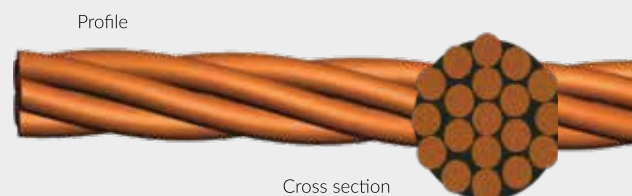
## BARE COPPER CABLE

**STRANDS:** 7 - 61

**SIZES:** 6mm<sup>2</sup> - 400mm<sup>2</sup>

**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