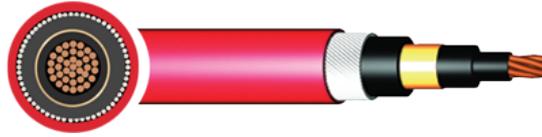


# BS6622 Single Core Mains Cable 6.35/11kV - CU, XLPE, AWA, PVC - 50mm<sup>2</sup> to 800mm<sup>2</sup>



## Description

BS6622 cables are armoured power cables designed for medium voltage fixed installations, such as power networks and industrial installations, including those in power supply stations, indoors, outdoors, underground, and in cable ducts. These single core cables have copper conductors with cross-linked polyethylene (XLPE) insulation various screen options, water blocking options, Aluminium wire armour and PVC bedding and outer sheath.

BS6622 cables are suitable for Internal use in buildings, power stations, or switchboards and are often run in cable tray for industrial applications. They can also be used externally in cable duct and due to being armoured can be buried directly in free draining soil.

## Key Features



**Voltage Rating**  
6.35/11 (12)kV



**Minimum Bending Radius**  
15 x Overall Diameter



**Temperature Limits**  
Temperature Range: -15°C to +90°C

## Core Colours

Sheath Colour: Red or Black

Single Core: Brown

## Standards

- BS6622
- BS EN/IEC 60228

## Construction

- **Conductor:** Class 2 stranded copper conductor
- **Inner Semi-Conductor:** Bonded Semi-Conductive Material
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Outer Semi Conductor:** Extruded Outer Semi Conductor (Strippable Type)
- **Metallic Screen:** Copper tape screen
- **Bedding:** Polyvinyl Chloride (PVC)
- **Armour:** Aluminium Wire Armour (AWA)
- **Tape Separator:** Binder tape
- **Outer Sheath:** Polyvinyl Chloride (PVC)
- **Sheath Colour:** Red

## QA Lab

### Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



## CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



## Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



## ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

## ecovadis

## BS6622 Single Core Mains Cable 6.35/11kV - CU, XLPE, AWA, PVC - 50mm<sup>2</sup> to 800mm<sup>2</sup> - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Trefoil Cleat	Nylon Cleat Size
10001	50	1	19/1.78	28.7	1200	TASB04	12
10002	70	1	19/2.14	30.5	1461	TASB05	14
10003	95	1	19/2.52	32.2	1761	TASB06	14
10004	120	1	37/2.03	33.8	2049	TASB07	14
10005	150	1	37/2.25	36.2	2451	TASB08	16
10006	185	1	37/2.52	37.9	2848	TASB09	16
10007	240	1	61/2.25	40.4	3470	TASB11	16
10008	300	1	61/2.52	42.6	4103	TASB12	18
10009	400	1	61/2.85	46.1	4995	TASB15	18
10010	500	1	61/3.20	50	6320	TASB17	20
10011	630	1	127/2.52	54	7840	TASB19	TC9

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