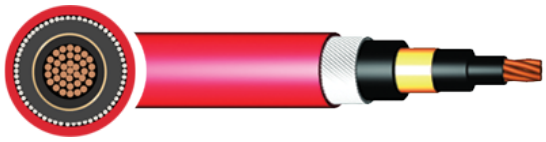
# BS6622 Single Core Mains Cable 6.35/11kV - CU, XLPE, AWA, PVC - 50mm² to 800mm²



## 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

## Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

**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.

ISO/IEC 17025 Accredited Testing Laboratory
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**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.

CLEVELAND CABLE COMPANY

**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 - 50mm² to 800mm² - Dimensions

| Reference | Conductor Size (mm2) | 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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