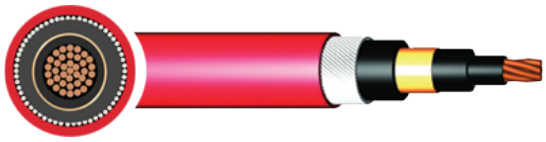
BS6622 Single Core Mains Cable 6.35/11kV - CU, XLPE, AWA, PVC - 50mm² to 800mm²



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
31196

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

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

31196