

## BS6622 XLPE/PVC Medium Voltage 3 Core Copper Mains Cable 8.7/15kV-50mm<sup>2</sup> to 500mm<sup>2</sup>



### Description

BS6622 3 core copper mains cable is a medium voltage armoured power cable for 8.7/15kV fixed installations. Suitable for indoor, outdoor, underground, and cable duct applications, with XLPE insulation, steel wire armour, and PVC bedding and outer sheath.

### Key Features



**Voltage Rating**  
8.7/15kV



**Minimum Bending Radius**  
12 x Overall Diameter



**Flame Retardancy**  
BS EN/IEC 60332-1-2



**Temperature Limits**  
Temperature Range: 0°C to +90°C

### Core Colours

3 Core

Brown    Black    Grey    Tape

### Standards

- BS6622
- BS EN/IEC 60332-1-2
- BS EN/IEC 60228

### Construction

- **Conductor:** Class 2 Copper Conductor
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi conductive XLPE
- **Metallic Screen:** Individual copper tape screen
- **Filler:** Polyethylene Terephthalate (PET) fibres
- **Bedding:** Polyvinyl Chloride (PVC)
- **Armour:** Steel Wire Armour (SWA)
- **Outer Sheath:** Polyvinyl Chloride (PVC)

### 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 XLPE/PVC Medium Voltage 3 Core Copper Mains Cable 8.7/15kV-50mm<sup>2</sup> to 500mm<sup>2</sup> - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	Stranding(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
15KVLPE3X50RD	50	3	19/1.78	2.10	57.2	5500
15KVLPE3X50BK	50	3	19/1.78	2.10	57.2	5501
15KVLPE3X70RD	70	3	19/2.14	2.20	61.2	6510
15KVLPE3X70BK	70	3	19/2.14	2.20	61.2	6512
15KVLPE3X95RD	95	3	19/2.52	2.27	65.5	7625
15KVLPE3X95BK	95	3	19/2.52	2.27	65.5	7628
15KVLPE3X120RD	120	3	37/2.03	2.35	68.3	8648
15KVLPE3X120BK	120	3	37/2.03	2.35	68.3	8650
15KVLPE3X150RD	150	3	37/2.25	2.54	75.0	10533
15KVLPE3X150BK	150	3	37/2.25	2.54	75.0	10532
15KVLPE3X185RD	185	3	37/2.52	2.60	78.2	11930
15KVLPE3X185BK	185	3	37/2.52	2.60	78.2	11931
15KVLPE3X240RD	240	3	61/2.25	2.75	83.5	14215
15KVLPE3X240BK	240	3	61/2.25	2.75	83.5	14214
15KVLPE3X300RD	300	3	61/2.52	2.85	88.2	16650
15KVLPE3X300BK	300	3	61/2.52	2.85	88.2	16652
15KVLPE3X400RD	400	3	61/2.85	3.10	95.4	19740
15KVLPE3X400BK	400	3	61/2.85	3.10	95.4	19745
15KVLPE3X500RD	500	3	61/3.20	3.25	103.5	23620
15KVLPE3X500BK	500	3	61/3.20	3.25	103.5	23622

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.

