BS6622 XLPE/PVC/AWA Medium Voltage Single Core Copper Mains Cable 8.7/15kV-50mm² to 630mm²

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 the aluminium wired armour can be buried directly in free draining soil.

Key Features

Voltage Rating
8.7/15kV

Minimum Bending Radius
15 x Overall Diameter

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

Core Colours

Sheath Colour: Red or Black

Standards

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

Construction

- **Conductor**: Class 2 Copper Conductor
- **Conductor Screen**: Semi conductive XLPE
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Insulation Screen**: Semi-Conductive XLPE
- **Metallic Screen**: Individual copper tape screen
- **Bedding**: Polyvinyl Chloride (PVC)
- **Armour**: Aluminium Wire Armour (AWA)
- **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

BS6622 XLPE/PVC/AWA Medium Voltage Single Core Copper Mains Cable 8.7/15kV-50mm² to 630mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
15KVXLPE1X50RD	50	1	19/1.78	1.32	29	1399
15KVXLPE1X50BK	50	1	19/1.78	1.32	29	1395
15KVXLPE1X70RD	70	1	19/2.14	1.40	31.5	1695
15KVXLPE1X70BK	70	1	19/2.14	1.40	31.5	1699
15KVXLPE1X95RD	95	1	19/2.52	1.48	34.5	2105
15KVXLPE1X95BK	95	1	19/2.52	1.48	34.5	2110
15KVXLPE1X120RD	120	1	37/2.03	1.50	35.5	2355
15KVXLPE1X120BK	120	1	37/2.03	1.50	35.5	2360
15KVXLPE1X150RD	150	1	37/2.25	1.55	37.2	2695
15KVXLPE1X150BK	150	1	37/2.25	1.55	37.2	2700
15KVXLPE1X185RD	185	1	37/2.52	1.55	39.3	3199
15KVXLPE1X185BK	185	1	37/2.52	1.55	39.3	3210
15KVXLPE1X240RD	240	1	61/2.25	1.65	42.0	3755
15KVXLPE1X240BK	240	1	61/2.25	1.65	42.0	3760
15KVXLPE1X300RD	300	1	61/2.52	1.72	45.2	4590
15KVXLPE1X300BK	300	1	61/2.52	1.72	45.2	4600
15KVXLPE1X400RD	400	1	61/2.85	1.80	48.5	5510
15KVXLPE1X400BK	400	1	61/2.85	1.80	48.5	5525
15KVXLPE1X500RD	500	1	61/3.20	1.90	51.0	6750
15KVXLPE1X500BK	500	1	61/3.20	1.90	51.0	6760
15KVXLPE1X630RD	630	1	127/2.52	2.0	56.2	8205
15KVXLPE1X630BK	630	1	127/2.52	2.0	56.2	8215