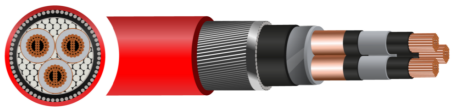
Nexans - BS6622 XLPE/PVC Medium Voltage 3 Core Copper Mains Cable 12.7/22kV-50mm² to 400mm²



Description

BS6622 cables from Nexans 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 cables have copper or aluminium conductors with cross-linked polyethylene (XLPE) insulation, various screen options, water blocking options, steel 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, Nexans cables can be buried directly in free-draining soil.

Key Features

Voltage Rating
12.7/22 (24)kV

Minimum Bending Radius
15 x Overall Diameter

Flame Retardancy
BS EN/IEC 60332-1-2

Temperature Limits
Conductor Maximum Operating Temperature: +90°C
Maximum Short Circuit Temperature: +250°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)

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
UKAS TESTING 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.

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

Nexans - BS6622 XLPE/PVC Medium Voltage 3 Core Copper Mains Cable 12.7/22kV-50mm² to 400mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
22KVXLPE3X50	50	3	3.10	59.0	5975
22KVXLPE3X70	70	3	3.10	64.0	6985
22KVXLPE3X95	95	3	3.20	67.5	8075
22KVXLPE3X120	120	3	3.40	72.5	10000
22KVXLPE3X150	150	3	3.50	76.0	11270
22KVXLPE3X185	185	3	3.60	80.0	12680
22KVXLPE3X240	240	3	3.70	85.0	15125
22KVXLPE3X300	300	3	3.95	91.0	17435
22KVXLPE3X400	400	3	4.10	97.2	20715

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.