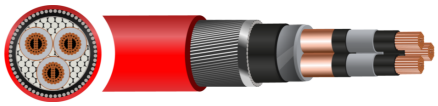
Nexans - BS6622 XLPE/PVC Medium Voltage 3 Core Copper Mains Cable 19/33kV - 70mm² to 400mm²



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 3 core cables have copper conductors with cross-linked polyethylene (XLPE) insulation, various screen options, water blocking options, steel wire armour and PVC bedding and outer sheath.

They are suitable for internal use in buildings, power stations or switchboards and are often run in cable tray for industrial applications. Nexans BS6622 cables 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
19/33 (36)kV

Minimum Bending Radius
Fixed: 12 x Overall Diameter
Flexing: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
- IEC 60502-2
- BS EN/IEC 60228

Construction

- **Conductor**: Class 2 stranded copper conductor
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Insulation Screen**: Semi-Conductive XLPE
- **Metallic Screen**: Individual copper tape screen
- **Separator**: 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

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 19/33kV - 70mm² to 400mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
33KVXLPE3X70RD	70	3	19/1.53	3.5	38.7	9625
33KVXLPE3X95RD	95	3	19/1.78	3.7	81.0	10830
33KVXLPE3X120RD	120	3	19/2.14	3.8	84.5	12050
33KVXLPE3X150RD	150	3	19/2.52	3.9	88.0	13380
33KVXLPE3X185RD	185	3	37/2.03	4.0	92.0	14800
33KVXLPE3X240RD	240	3	61/2.25	4.2	97.0	17325
33KVXLPE3X300RD	300	3	61/2.52	4.4	102.5	19780
33KVXLPE3X400RD	400	3	61/2.85	4.6	110.0	23230

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