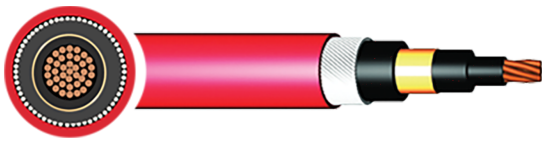


BS7835 Single Core Armoured Power Cable 33kV - XLPE, AWA, LSZH - 70mm² to 1000mm²



Description

Medium voltage power and distribution cable, used for supply networks. The low smoke halogen free construction makes this cable ideal for use in public buildings. Please note: Red outer sheath can be prone to fading when exposed to UV rays

Key Features



Voltage Rating
19kV / 33kV (33kV)
Tested To Voltage And Duration of BS7835



Minimum Bending Radius
15 x Overall Diameter



Flame Retardancy
BS EN/IEC 60332-1
BS EN/IEC 60332-3-24



Temperature Limits
Maximum operating temp: 90°C
Initial temperature at S.C.C for screen: 80°C
Maximum temp during short circuit: 250°C

Core Colours

UV Resistant  Sheath

Standards

- BS 7835
- IEC 61034-1
- BS EN/IEC 60228
- BS EN/IEC 60754-1
- BS EN/IEC 60332-1-2 & BS EN/IEC 60332-3-24

Construction

- **Conductor:** Class 2 stranded copper conductor
- **Conductor Screen:** Bonded semi conductive XLPE
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi-Conductive XLPE
- **Bedding:** LSZH (Low smoke Zero Halogen)
- **Metallic Screen:** Copper Wire Screen
- **Metallic Screen:** Copper wires with equalising tape
- **Bedding:** Low Smoke Zero Halogen (LSZH)
- **Armour:** Aluminium Wire Armour (AWA)
- **Outer Sheath:** Low Smoke Zero Halogen (LSZH)

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

BS7835 Single Core Armoured Power Cable 33kV - XLPE, AWA, LSZH - 70mm² to 1000mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)
33KVLSZH1X70RD	70	1	19/2.14	41.5	2315
33KVLSZH1X95RD	95	1	19/2.52	43.5	2700
33KVLSZH1X120RD	120	1	37/2.03	45.0	3050
33KVLSZH1X150RD	150	1	37/2.25	48.0	3525
33KVLSZH1X185RD	185	1	37/2.52	50.0	4025
33KVLSZH1X240RD	240	1	61/2.25	52.0	4650
33KVLSZH1X300RD	300	1	61/2.52	55.0	5465
33KVLSZH1X400RD	400	1	61/2.85	58.0	6350
33KVLSZH1X500RD	500	1	61/3.20	61.5	7620
33KVLSZH1X630RD	630	1	127/2.52	65.5	9165
33KVLSZH1X800RD	800	1	127/2.85	72.0	11125
33KVLSZH1X1000RD	1000	1	127/3.20	77.0	13425

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