

NGED 19/33 (36)kV Single Core Copper Power Cable 185mm² to 800mm²



Description

33KV Single Core Power Cable. National Grid (NGED) approved specification medium voltage aluminium power cable for connections from electrical grid to sub-main developments. Suitable for power networks, underground, outdoors and installation in cable ducting.

Key Features



Voltage Rating
19/33 (36)kV



Minimum Bending Radius
20x Overall Diameter



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

Standards

- DNO Cable approved for NGED use.
- BS 7870-4.10
- BS EN/IEC 60228

Construction

- **Conductor:** Class 2 stranded copper
- **Conductor Screen:** Bonded semi conductive material
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi-conductive material (bonded)
- **Longitudinal Waterblocking:** Semi-conductive swellable tape
- **Metallic Screen:** Copper wires with equalising tape
- **Water Blocking:** Longitudinal Waterblocking Swellable Tapes
- **Outer Sheath:** Medium Density Polyethylene (MDPE)
- **Sheath Colour:** Black

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



NGED 19/33 (36)kV Single Core Copper Power Cable 185mm² to 800mm² - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	ApproxDia of Cond (mm)	Insulation Thickness (mm)	CWS(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
NGED33kVCU1X 185	185	1	15.9	8.0	RM/35	2.2	42.8	3140
NGED33kVCU1X 300	300	1	20.6	8.0	RM/35	2.4	47.8	4225
NGED33kVCU1X 400	400	1	23.3	8.0	RM/35	2.5	50.6	5069
NGED33kVCU1X 630	630	1	30.2	8.0	RM/35	2.7	58.0	8010
NGED33kVCU1X 800	800	1	35.0	8.0	RM/35	2.8	63.2	9725

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.