(N)TMCGCWÖU18/30 (36kV) Cable - 25mm² to 630mm²

Description

(N)TMCGCWÖU cable is Medium voltage, class 5 single core cable with added semiconductive material between each of the Core, the insulation and the earth conductor and surrounded with a rubber outer sheath. It is usually used for short-length connections of transformers and switchgear, as well as power cables on mining equipment and alongside conveyor belts.

(N)TMCGCWÖU comes in 8 different power ranges. from 3.6/6kV to 26/45kV

Key Features

Voltage Rating
18/30 (36)kV

Minimum Bending Radius
Fixed: 6 x overall diameter

Flame Retardancy
IEC/EN 60332-1-2

Temperature Limits
Fixed: -40°C to +80°C
Flexing: -25°C to +80°C
Maximum Short Circuit Temperature: +250°C

Standards

- Ozone resistant: BS EN/IEC 60811-403
- Oil resistant: BS EN/IEC 60811-404
- UV Resistant: ISO 4892-2
- VDE 0295
- VDE 0250 PT812
- BS EN/IEC 60332-1-2
- IEC 60228

Construction

- **Conductor**: Class 5 tinned copper
- **Conductor Screen**: Semi-Conductive material
- **Insulation**: Quality Rubber Compound, according to VDE 0207 Part 20
- **Insulation Screen**: Inner and outer semi-conductive rubber layer on the insulation
- **Concentric Conductor**: Copper wires with counter helix of copper tape
- **Outer Sheath**: Quality rubber compound, according to VDE 0207 part 21
- **Sheath Colour**: Red

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

(N)TMCGCWÖU18/30 (36kV) Cable - 25mm² to 630mm² - Dimensions

Reference	Conductor Size (mm2)	Nominal Conductor Diameter	CWS(mm)	Max Overall Dia	Minimum Bending Radius	Weight(Kg/Km)
36KV(N)TMCGCWÖU 1X25	25	6.8	RM/16	29.1	175	375
36KV(N)TMCGCWÖU 1X35	35	7.8	RM/16	30.0	180	1240
36KV(N)TMCGCWÖU 1X50	50	9.4	RM/16	31.5	189	1440
36KV(N)TMCGCWÖU 1X70	70	11.2	RM/16	34.5	207	1770
36KV(N)TMCGCWÖU 1X95	95	12.7	RM/16	36.0	216	2040
36KV(N)TMCGCWÖU 1X120	120	14.4	RM/16	38.0	228	2360
36KV(N)TMCGCWÖU 1X150	150	16.3	RM/25	41.5	249	2920
36KV(N)TMCGCWÖU 1X185	185	17.6	RM/25	43.0	258	3535
36KV(N)TMCGCWÖU 1X240	240	20.6	RM/25	46.0	276	3915
36KV(N)TMCGCWÖU 1X300	300	22.7	RM/25	47.0	282	4350
36KV(N)TMCGCWÖU 1X400	400	25.2	RM/35	50.5	303	5420
36KV(N)TMCGCWÖU 1X500	500	29.5	RM/35	55.0	330	6735
36KV(N)TMCGCWÖU 1X630	630	34.0	RM/35	60.0	360	8720