

(N)TMCGCWÖU6/10 (12kV) 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
6/10 (12)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: +200°C

Standards

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

Construction

- **Conductor:** Class 5 tinned copper
- **Conductor Screen:** Semi-Conductive material
- **Inner Semi-Conductor:** 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

ecovadis

(N)TMCGCWÖU6/10 (12kV) Cable - 25mm² to 630mm² - Dimensions

Reference	Conductor Size (mm2)	Nominal Conductor Diameter	CWS(mm)	Max Overall Dia	Minimum Bending Radius	Weight(Kg/Km)
12KV(N)TMCGCWÖU 1X25	25	6.8	RM/16	20.3	122	770
12KV(N)TMCGCWÖU 1X35	35	7.8	RM/16	23.0	138	900
12KV(N)TMCGCWÖU 1X50	50	9.4	RM/16	24.5	147	1070
12KV(N)TMCGCWÖU 1X70	70	11.2	RM/16	26.3	158	1300
12KV(N)TMCGCWÖU 1X95	95	12.7	RM/16	28.9	174	1590
12KV(N)TMCGCWÖU 1X120	120	14.4	RM/16	30.9	186	1880
12KV(N)TMCGCWÖU 1X150	150	16.3	RM/25	33.3	199	2320
12KV(N)TMCGCWÖU 1X185	185	17.6	RM/25	35.2	212	2670
12KV(N)TMCGCWÖU 1X240	240	20.6	RM/25	38.3	230	3310
12KV(N)TMCGCWÖU 1X300	300	22.7	RM/25	41.0	246	3800
12KV(N)TMCGCWÖU 1X400	400	25.2	RM/35	44.6	268	4830
12KV(N)TMCGCWÖU 1X500	500	29.5	RM/35	49.5	297	6140
12KV(N)TMCGCWÖU 1X630	630	34.0	RM/35	54.9	330	8060

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