For more information:

clevelandcable.com | (N)TSCGEWÖU - 8.7/15kV and 12/20kV Submersible Cable - 25mm² to 95mm² with reduced earth conductors

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Description

Flexible supply cable for use in permanent immersion in salty and brackish water up to 300 metres under high mechanical stresses. For applications such as pumps, dredgers and floating docks. It is suitable for trailing operations of opencast mining equipment. Suitable for indoor and outdoor applications.

Key Features

Voltage Rating
8.7/15 (17.5)kV
12/20 (24)kV

Minimum Bending Radius
Fixed: 6 x overall diameter
Flexing: 10 x overall diameter

Flame Retardancy
BS EN/IEC 60332-1-2

Temperature Limits
Fixed: -40°C to +80°C
Flexed: -25°C to +80°C

Standards

- VDE 0250-813
- BS EN/IEC 60228
- BS EN/IEC 60332-1-2

Construction

- **Conductor**: Class 5 Flexible Tinned Copper
- **Conductor Screen**: Semi-Conductive Tape
- **Inner Semi-Conductor**: Semi-Conductive Rubber Layer
- **Insulation**: Rubber Compound
- **Outer Semi Conductor**: Semi-Conductive Rubber Layer
- **Circuit Protective Conductor**: Class 5 tinned copper
- **Inner Sheath**: Rubber Compound
- **Braiding**: Anti-torsion polyester braiding
- **Outer Sheath**: Rubber Compound
- **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

(N)TSCGEWÖU - 8.7/15kV and 12/20kV Submersible Cable - 25mm² to 95mm² with reduced earth conductors - Dimensions

Reference	Maximum Tensile Load (N)	Earth Conductor Size (mm2)	No Of Cores	Phase Conductor Size (mm2)	Overall Diameter(Lower)	Overall Diameter(Upper)	Weight(Kg/Km)	Voltage
(N)15kVTSCGEWOU3X25/3	1500	25/3E	3+3	25	47.20	49.00	3310	8.7/15kV
(N)15kVTSCGEWOU3X35/3	2100	25/3E	3+3	35	48.70	50.70	3685	8.7/15kV
(N)15kVTSCGEWOU3X50/3	3000	25/3E	3+3	50	53.60	55.50	4585	8.7/15kV
(N)15kVTSCGEWOU3X70/3	4200	35/3E	3+3	70	57.40	59.50	5600	8.7/15kV
(N)15kVTSCGEWOU3X95/3	5700	50/3E	3+3	95	60.70	63.20	6560	8.7/15kV
(N)15kVTSCGEWOU3X120/3	7200	70/3E	3+3	120	66.30	66.60	8140	8.7/15kV
(N)15kVTSCGEWOU3X150/3	9000	70/3E	3+3	150	71.00	71.00	9465	8.7/15kV
(N)15kVTSCGEWOU3X185/3	11100	95/3E	3+3	185	73.00	75.50	10720	8.7/15kV
(N)20kVTSCGEWOU3X25/3	1500	25/3E	3+3	25	52.00	53.80	1500	12/20kV
(N)20kVTSCGEWOU3X35/3	2100	25/3E	3+3	35	55.20	57.00	4440	12/20kV
(N)20kVTSCGEWOU3X50/3	3000	25/3E	3+3	50	58.40	60.40	5170	12/20kV
(N)20kVTSCGEWOU3X70/3	4200	35/3E	3+3	70	62.20	64.50	6250	12/20kV
(N)20kVTSCGEWOU3X95/3	5700	50/3E	3+3	95	67.10	69.50	7490	12/20kV
(N)20kVTSCGEWOU3X120/3	7200	70/3E	3+3	120	71.00	73.50	8850	12/20kV

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