

## (N)TMCGCWÖU14/25 (30kV)



(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**  
14/25 (30kV)



**Minimum Bending Radius**  
Fixed: 6 x overall diameter



**Oils, Greases and Chemicals Resistant**  
Yes



**UV/Ozone Resistance**  
Yes



**Flame Retardancy**  
IEC/EN 60332-1-2



**Temperature Limits**  
Ambient Temperature, Fixed: -40°C to +80°C



**Temperature Limits**  
Maximum short-circuit temperature:  
250°C

### Construction

- **Conductor:** Tinned Annealed Copper Class 5 Flexible
- **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

### Standards

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

(N)TMCGCWÖU14/25 (30kV) - Dimensions

Reference	Conductor Size (mm2)	Nominal Conductor Diameter	CWS(mm)	Max Overall Dia	Minimum Bending Radius	Weight(Kg/Km)
30KV(N)TMCGC WÖU1X25	25	6.8	RM/16	26.5.	159	375
30KV(N)TMCGC WÖU1X35	35	7.8	RM/16	28.0	168	1130
30KV(N)TMCGC WÖU1X50	50	9.4	RM/16	29.5	177	1320
30KV(N)TMCGC WÖU1X70	70	11.2	RM/16	31.5	189	1570
30KV(N)TMCGC WÖU1X95	95	12.7	RM/16	34.0	204	1900
30KV(N)TMCGC WÖU1X120	120	14.4	RM/16	36.0	216	2210
30KV(N)TMCGC WÖU1X150	150	16.3	RM/25	38.5	231	2680
30KV(N)TMCGC WÖU1X185	185	17.6	RM/25	40.5	243	3065
30KV(N)TMCGC WÖU1X240	240	20.6	RM/25	44.0	264	3730
30KV(N)TMCGC WÖU1X300	300	22.7	RM/25	45.0	270	4140
30KV(N)TMCGC WÖU1X400	400	25.2	RM/35	48.0	288	5125
30KV(N)TMCGC WÖU1X500	500	29.5	RM/35	53.5	321	6575
30KV(N)TMCGC WÖU1X630	630	34.0	RM/35	58.0	348	83905

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For more information contact: 01642 241 133

