



Screened MV flexible & reeling cable

(N)TSCGECEWÖU

Individually Screened MV Cable

3-phase copper-screened MV rubber cable for distribution, reeling and submersible duty



DIN VDE 0250-813

U0/U 1.8/3-12/20 kV

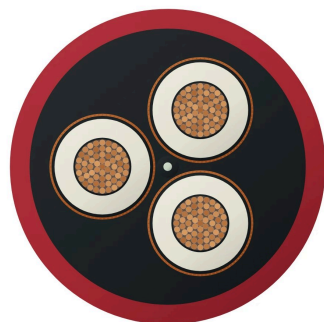
Individual Cu phase screens

Application

Built to DIN VDE 0250-813 with individual copper wire braid screens over each EPR-insulated phase core — supplied in four executions: F-E distribution (red), -ATB reeling (yellow), -GCC ground-check (yellow) and 300 m submersible (black).

Typical uses: Open-cast & underground mine distribution, Draglines, mining shovels & blast-hole drills, Submersible mine dewatering pumps (to 300 m), Dredgers & floating docks, Conveyors & mobile crushing plant

Construction



Cross-section, not to scale

1	Phase conductor	IEC/EN 60228 Class 5 · DIN VDE 0295
2	Inner conductor screen	
3	Core insulation	
4	Outer insulation screen	DIN VDE 0250-813 field control
5	Individual copper phase screen (3E)	
6	Central support filler	Stabilises the 3-core lay-up geometry
7	Inner sheath	DIN VDE 0207-21
8	Anti-torsion braid (-ATB & -GCC)	
9	Outer sheath	

Technical data

Typical values

Rated voltage U0/U	3.6/6, 6/10, 8.7/15, 12/20 kV (1.8/3 kV on -GCC)	AC test voltage	6 kV (1.8/3) · 11 kV (3.6/6) · 17 kV (6/10) · 24 kV (8.7/15) · 29 kV (12/20)
Phase screening & earth	Individual copper wire braid over each phase core	Ground-check pilot (-GCC)	1 × 10 mm ² copper ground-check conductor (3+2+1 layout)
Current rating	DIN VDE 0298-4 (30 °C floor, free air & 1–7 reel layers)	Ambient temperature, fixed	–40 to +80 °C (conductor +90 °C)
Ambient temperature, flexing	–25 to +80 °C (conductor +90 °C)	Max. conductor temperature	+90 °C
Short-circuit temperature	+250 °C	Min. bending radius, fixed	6 × OD
Min. bending radius, flexing	10 × OD (12 × OD reeling)	Max. tensile load	15 N/mm ² of total phase cross-section
Anti-torsion reinforcement	Polyester braid between inner & outer sheaths (-ATB & -GCC)	Flame retardance	IEC/EN 60332-1-2
Submersible rating (Submersible variant)	Permanent immersion up to 300 m in salt/brackish water (≤ +40 °C)	Oil, ozone & abrasion	Oil-, ozone-, UV- and abrasion-resistant 5GM3/5GM5/CM rubber
Standards	DIN VDE 0250-813 & HD 22.16	Standard packing	Heat-treated lagged seaworthy drums with sealed ends

Sizes

111 standard constructions

Tick the sizes you need and send this page to info@tebaoflex.com or WhatsApp +86 185 9591 3361.

Variant · grade · size	U0/U kV	Phase + Earth (+ GC) mm ²	Cond. Ø mm	Outer Ø min mm	Outer Ø max mm	Weight ≈ kg/km	Min. bend R mm	Max. pull N
F-E Distribution · 3.6/6–12/20 kV 29 sizes								
☐ (N)TSCGECEWÖU 3.6/6 kV · 3 × 25 mm ²	3.6/6	3 × 25 + 3 × 25/3E	6.8	43.9	45.6	2,870	274	1,125
☐ (N)TSCGECEWÖU 3.6/6 kV · 3 × 35 mm ²	3.6/6	3 × 35 + 3 × 25/3E	7.8	45.4	47.1	3,230	283	1,575
☐ (N)TSCGECEWÖU 3.6/6 kV · 3 × 50 mm ²	3.6/6	3 × 50 + 3 × 25/3E	9.4	48.5	50.3	3,860	302	2,250
☐ (N)TSCGECEWÖU 3.6/6 kV · 3 × 70 mm ²	3.6/6	3 × 70 + 3 × 35/3E	11.2	54.1	55.9	5,010	335	3,150
☐ (N)TSCGECEWÖU 3.6/6 kV · 3 × 95 mm ²	3.6/6	3 × 95 + 3 × 50/3E	12.7	58.4	60.2	6,150	361	4,275
☐ (N)TSCGECEWÖU 3.6/6 kV · 3 × 120 mm ²	3.6/6	3 × 120 + 3 × 70/3E	14.4	62.5	64.8	7,450	389	5,400
☐ (N)TSCGECEWÖU 3.6/6 kV · 3 × 150 mm ²	3.6/6	3 × 150 + 3 × 70/3E	16.3	68.9	71.3	8,980	428	6,750
☐ (N)TSCGECEWÖU 3.6/6 kV · 3 × 185 mm ²	3.6/6	3 × 185 + 3 × 90/3E	17.6	71.9	74.3	10,290	446	8,325
☐ (N)TSCGECEWÖU 6/10 kV · 3 × 25 mm ²	6/10	3 × 25 + 3 × 25/3E	6.8	43.9	46.2	2,910	277	1,125
☐ (N)TSCGECEWÖU 6/10 kV · 3 × 35 mm ²	6/10	3 × 35 + 3 × 25/3E	7.8	45.4	47.7	3,270	286	1,575
☐ (N)TSCGECEWÖU 6/10 kV · 3 × 50 mm ²	6/10	3 × 50 + 3 × 25/3E	9.4	48.5	50.9	3,900	305	2,250
☐ (N)TSCGECEWÖU 6/10 kV · 3 × 70 mm ²	6/10	3 × 70 + 3 × 35/3E	11.2	54.1	56.5	5,050	339	3,150
☐ (N)TSCGECEWÖU 6/10 kV · 3 × 95 mm ²	6/10	3 × 95 + 3 × 50/3E	12.7	58.4	60.8	6,190	365	4,275
☐ (N)TSCGECEWÖU 6/10 kV · 3 × 120 mm ²	6/10	3 × 120 + 3 × 70/3E	14.4	62.5	65.5	7,490	393	5,400
☐ (N)TSCGECEWÖU 6/10 kV · 3 × 150 mm ²	6/10	3 × 150 + 3 × 70/3E	16.3	68.9	72.0	9,020	432	6,750
☐ (N)TSCGECEWÖU 6/10 kV · 3 × 185 mm ²	6/10	3 × 185 + 3 × 90/3E	17.6	71.9	75.0	10,330	450	8,325
☐ (N)TSCGECEWÖU 8.7/15 kV · 3 × 25 mm ²	8.7/15	3 × 25 + 3 × 25/3E	6.8	47.3	49.0	3,200	294	1,125
☐ (N)TSCGECEWÖU 8.7/15 kV · 3 × 35 mm ²	8.7/15	3 × 35 + 3 × 25/3E	7.8	48.8	50.6	3,570	304	1,575
☐ (N)TSCGECEWÖU 8.7/15 kV · 3 × 50 mm ²	8.7/15	3 × 50 + 3 × 25/3E	9.4	53.7	55.5	4,440	333	2,250
☐ (N)TSCGECEWÖU 8.7/15 kV · 3 × 70 mm ²	8.7/15	3 × 70 + 3 × 35/3E	11.2	57.5	59.3	5,410	356	3,150
☐ (N)TSCGECEWÖU 8.7/15 kV · 3 × 95 mm ²	8.7/15	3 × 95 + 3 × 50/3E	12.7	60.8	63.1	6,480	379	4,275
☐ (N)TSCGECEWÖU 8.7/15 kV · 3 × 120 mm ²	8.7/15	3 × 120 + 3 × 70/3E	14.4	66.8	69.1	8,060	415	5,400
☐ (N)TSCGECEWÖU 8.7/15 kV · 3 × 150 mm ²	8.7/15	3 × 150 + 3 × 70/3E	16.3	71.5	73.9	9,370	443	6,750
☐ (N)TSCGECEWÖU 12/20 kV · 3 × 25 mm ²	12/20	3 × 25 + 3 × 25/3E	6.8	49.8	51.6	3,450	310	1,125

Variant · grade · size	U0/U kV	Phase + Earth (+ GC) mm ²	Cond. Ø mm	Outer Ø min mm	Outer Ø max mm	Weight ≈ kg/km	Min. bend R mm	Max. pull N
☐ (N)TSCGECEWÖU 12/20 kV · 3 × 35 mm ²	12/20	3 × 35 + 3 × 25/3E	7.8	51.3	53.1	3,810	319	1,575
☐ (N)TSCGECEWÖU 12/20 kV · 3 × 50 mm ²	12/20	3 × 50 + 3 × 25/3E	9.4	56.3	58.1	4,740	349	2,250
☐ (N)TSCGECEWÖU 12/20 kV · 3 × 70 mm ²	12/20	3 × 70 + 3 × 35/3E	11.2	60.1	61.9	5,730	371	3,150
☐ (N)TSCGECEWÖU 12/20 kV · 3 × 95 mm ²	12/20	3 × 95 + 3 × 50/3E	12.7	63.3	65.6	6,810	394	4,275
☐ (N)TSCGECEWÖU 12/20 kV · 3 × 120 mm ²	12/20	3 × 120 + 3 × 70/3E	14.4	69.3	71.7	8,420	430	5,400
-ATB Reeling · 3.6/6–12/20 kV 25 sizes								
☐ (N)TSCGECEWÖU-ATB 3.6/6 kV · 3 × 25 mm ²	3.6/6	3 × 25 + 3 × 25/3E	6.8	43.4	45.1	2,850	451	1,125
☐ (N)TSCGECEWÖU-ATB 3.6/6 kV · 3 × 35 mm ²	3.6/6	3 × 35 + 3 × 25/3E	7.8	45.0	46.7	3,200	467	1,575
☐ (N)TSCGECEWÖU-ATB 3.6/6 kV · 3 × 50 mm ²	3.6/6	3 × 50 + 3 × 25/3E	9.4	48.1	49.8	3,850	498	2,250
☐ (N)TSCGECEWÖU-ATB 3.6/6 kV · 3 × 70 mm ²	3.6/6	3 × 70 + 3 × 35/3E	11.2	53.7	55.5	4,980	555	3,150
☐ (N)TSCGECEWÖU-ATB 3.6/6 kV · 3 × 95 mm ²	3.6/6	3 × 95 + 3 × 50/3E	12.7	58.4	60.2	6,200	602	4,275
☐ (N)TSCGECEWÖU-ATB 3.6/6 kV · 3 × 120 mm ²	3.6/6	3 × 120 + 3 × 70/3E	14.4	62.9	65.2	7,580	652	5,400
☐ (N)TSCGECEWÖU-ATB 3.6/6 kV · 3 × 150 mm ²	3.6/6	3 × 150 + 3 × 70/3E	16.3	69.3	71.7	9,090	717	6,750
☐ (N)TSCGECEWÖU-ATB 6/10 kV · 3 × 25 mm ²	6/10	3 × 25 + 3 × 25/3E	6.8	43.4	45.7	2,890	457	1,125
☐ (N)TSCGECEWÖU-ATB 6/10 kV · 3 × 35 mm ²	6/10	3 × 35 + 3 × 25/3E	7.8	45.0	47.3	3,240	473	1,575
☐ (N)TSCGECEWÖU-ATB 6/10 kV · 3 × 50 mm ²	6/10	3 × 50 + 3 × 25/3E	9.4	48.1	50.4	3,890	504	2,250
☐ (N)TSCGECEWÖU-ATB 6/10 kV · 3 × 70 mm ²	6/10	3 × 70 + 3 × 35/3E	11.2	53.7	56.1	5,020	561	3,150
☐ (N)TSCGECEWÖU-ATB 6/10 kV · 3 × 95 mm ²	6/10	3 × 95 + 3 × 50/3E	12.7	58.4	60.8	6,240	608	4,275
☐ (N)TSCGECEWÖU-ATB 6/10 kV · 3 × 120 mm ²	6/10	3 × 120 + 3 × 70/3E	14.4	62.9	65.9	7,620	659	5,400
☐ (N)TSCGECEWÖU-ATB 6/10 kV · 3 × 150 mm ²	6/10	3 × 150 + 3 × 70/3E	16.3	69.3	72.4	9,130	724	6,750
☐ (N)TSCGECEWÖU-ATB 8.7/15 kV · 3 × 25 mm ²	8.7/15	3 × 25 + 3 × 25/3E	6.8	46.9	48.6	3,180	486	1,125
☐ (N)TSCGECEWÖU-ATB 8.7/15 kV · 3 × 35 mm ²	8.7/15	3 × 35 + 3 × 25/3E	7.8	48.3	50.0	3,570	500	1,575
☐ (N)TSCGECEWÖU-ATB 8.7/15 kV · 3 × 50 mm ²	8.7/15	3 × 50 + 3 × 25/3E	9.4	53.3	55.1	4,420	551	2,250
☐ (N)TSCGECEWÖU-ATB 8.7/15 kV · 3 × 70 mm ²	8.7/15	3 × 70 + 3 × 35/3E	11.2	57.1	58.9	5,410	589	3,150
☐ (N)TSCGECEWÖU-ATB 8.7/15 kV · 3 × 95 mm ²	8.7/15	3 × 95 + 3 × 50/3E	12.7	60.8	63.1	6,500	631	4,275
☐ (N)TSCGECEWÖU-ATB 8.7/15 kV · 3 × 120 mm ²	8.7/15	3 × 120 + 3 × 70/3E	14.4	67.2	69.5	8,150	695	5,400
☐ (N)TSCGECEWÖU-ATB 12/20 kV · 3 × 25 mm ²	12/20	3 × 25 + 3 × 25/3E	6.8	49.4	51.2	3,450	512	1,125
☐ (N)TSCGECEWÖU-ATB 12/20 kV · 3 × 35 mm ²	12/20	3 × 35 + 3 × 25/3E	7.8	50.9	52.7	3,820	527	1,575
☐ (N)TSCGECEWÖU-ATB 12/20 kV · 3 × 50 mm ²	12/20	3 × 50 + 3 × 25/3E	9.4	55.8	57.6	4,720	576	2,250
☐ (N)TSCGECEWÖU-ATB 12/20 kV · 3 × 70 mm ²	12/20	3 × 70 + 3 × 35/3E	11.2	59.6	61.4	5,690	614	3,150
☐ (N)TSCGECEWÖU-ATB 12/20 kV · 3 × 95 mm ²	12/20	3 × 95 + 3 × 50/3E	12.7	63.3	65.6	6,860	656	4,275
-GCC Ground-Check · 1.8/3–12/20 kV 30 sizes								
☐ (N)TSCGECEWÖU-GCC 1.8/3 kV · 3 × 25 mm ²	1.8/3	3 × 25 + 2 × 25/2 + 1 × 10 GC	6.8	38.2	42.3	2,530	423	1,125
☐ (N)TSCGECEWÖU-GCC 1.8/3 kV · 3 × 35 mm ²	1.8/3	3 × 35 + 2 × 25/2 + 1 × 10 GC	7.8	39.7	44.0	2,930	440	1,575
☐ (N)TSCGECEWÖU-GCC 1.8/3 kV · 3 × 50 mm ²	1.8/3	3 × 50 + 2 × 25/2 + 1 × 10 GC	9.4	42.7	47.2	3,540	472	2,250
☐ (N)TSCGECEWÖU-GCC 1.8/3 kV · 3 × 70 mm ²	1.8/3	3 × 70 + 2 × 35/2 + 1 × 10 GC	11.2	48.1	53.0	4,730	530	3,150
☐ (N)TSCGECEWÖU-GCC 1.8/3 kV · 3 × 95 mm ²	1.8/3	3 × 95 + 2 × 50/2 + 1 × 10 GC	12.7	53.0	58.3	5,930	583	4,275
☐ (N)TSCGECEWÖU-GCC 1.8/3 kV · 3 × 120 mm ²	1.8/3	3 × 120 + 2 × 70/2 + 1 × 10 GC	14.4	57.4	63.1	7,270	631	5,400
☐ (N)TSCGECEWÖU-GCC 1.8/3 kV · 3 × 150 mm ²	1.8/3	3 × 150 + 2 × 70/2 + 1 × 10 GC	16.3	63.8	70.0	8,920	700	6,750
☐ (N)TSCGECEWÖU-GCC 1.8/3 kV · 3 × 185 mm ²	1.8/3	3 × 185 + 2 × 95/2 + 1 × 10 GC	17.6	65.6	71.9	10,220	719	8,325
☐ (N)TSCGECEWÖU-GCC 3.6/6 kV · 3 × 25 mm ²	3.6/6	3 × 25 + 2 × 25/2 + 1 × 10 GC	6.8	45.4	50.1	3,300	501	1,125
☐ (N)TSCGECEWÖU-GCC 3.6/6 kV · 3 × 35 mm ²	3.6/6	3 × 35 + 2 × 25/2 + 1 × 10 GC	7.8	46.7	51.5	3,710	515	1,575
☐ (N)TSCGECEWÖU-GCC 3.6/6 kV · 3 × 50 mm ²	3.6/6	3 × 50 + 2 × 25/2 + 1 × 10 GC	9.4	51.5	56.7	4,600	567	2,250
☐ (N)TSCGECEWÖU-GCC 3.6/6 kV · 3 × 70 mm ²	3.6/6	3 × 70 + 2 × 35/2 + 1 × 10 GC	11.2	55.2	60.7	5,710	607	3,150
☐ (N)TSCGECEWÖU-GCC 3.6/6 kV · 3 × 95 mm ²	3.6/6	3 × 95 + 2 × 50/2 + 1 × 10 GC	12.7	58.9	64.8	6,820	648	4,275
☐ (N)TSCGECEWÖU-GCC 3.6/6 kV · 3 × 120 mm ²	3.6/6	3 × 120 + 2 × 70/2 + 1 × 10 GC	14.4	65.1	71.4	8,540	714	5,400
☐ (N)TSCGECEWÖU-GCC 3.6/6 kV · 3 × 150 mm ²	3.6/6	3 × 150 + 2 × 70/2 + 1 × 10 GC	16.3	69.9	76.3	9,890	763	6,750
☐ (N)TSCGECEWÖU-GCC 6/10 kV · 3 × 25 mm ²	6/10	3 × 25 + 2 × 25/2 + 1 × 10 GC	6.8	48.1	53.0	3,640	530	1,125
☐ (N)TSCGECEWÖU-GCC 6/10 kV · 3 × 35 mm ²	6/10	3 × 35 + 2 × 25/2 + 1 × 10 GC	7.8	49.5	54.6	4,070	546	1,575

Variant · grade · size	U0/U kV	Phase + Earth (+ GC) mm ²	Cond. Ø mm	Outer Ø min mm	Outer Ø max mm	Weight ≈ kg/km	Min. bend R mm	Max. pull N
☐ (N)TSCGECEWÖU-GCC 6/10 kV · 3 × 50 mm ²	6/10	3 × 50 + 2 × 25/2 + 1 × 10 GC	9.4	54.2	59.7	4,980	597	2,250
☐ (N)TSCGECEWÖU-GCC 6/10 kV · 3 × 70 mm ²	6/10	3 × 70 + 2 × 35/2 + 1 × 10 GC	11.2	57.9	63.6	6,070	636	3,150
☐ (N)TSCGECEWÖU-GCC 6/10 kV · 3 × 95 mm ²	6/10	3 × 95 + 2 × 50/2 + 1 × 10 GC	12.7	61.6	67.7	7,280	677	4,275
☐ (N)TSCGECEWÖU-GCC 6/10 kV · 3 × 120 mm ²	6/10	3 × 120 + 2 × 70/2 + 1 × 10 GC	14.4	67.9	74.4	9,070	744	5,400
☐ (N)TSCGECEWÖU-GCC 8.7/15 kV · 3 × 25 mm ²	8.7/15	3 × 25 + 2 × 25/2 + 1 × 10 GC	6.8	53.9	59.3	4,490	593	1,125
☐ (N)TSCGECEWÖU-GCC 8.7/15 kV · 3 × 35 mm ²	8.7/15	3 × 35 + 2 × 25/2 + 1 × 10 GC	7.8	55.3	60.8	4,920	608	1,575
☐ (N)TSCGECEWÖU-GCC 8.7/15 kV · 3 × 50 mm ²	8.7/15	3 × 50 + 2 × 25/2 + 1 × 10 GC	9.4	58.5	64.2	5,700	642	2,250
☐ (N)TSCGECEWÖU-GCC 8.7/15 kV · 3 × 70 mm ²	8.7/15	3 × 70 + 2 × 35/2 + 1 × 10 GC	11.2	64.2	70.5	7,200	705	3,150
☐ (N)TSCGECEWÖU-GCC 8.7/15 kV · 3 × 95 mm ²	8.7/15	3 × 95 + 2 × 50/2 + 1 × 10 GC	12.7	67.9	74.4	8,480	744	4,275
☐ (N)TSCGECEWÖU-GCC 12/20 kV · 3 × 25 mm ²	12/20	3 × 25 + 2 × 25/2 + 1 × 10 GC	6.8	58.2	63.9	5,110	639	1,125
☐ (N)TSCGECEWÖU-GCC 12/20 kV · 3 × 35 mm ²	12/20	3 × 35 + 2 × 25/2 + 1 × 10 GC	7.8	59.8	65.7	5,580	657	1,575
☐ (N)TSCGECEWÖU-GCC 12/20 kV · 3 × 50 mm ²	12/20	3 × 50 + 2 × 25/2 + 1 × 10 GC	9.4	64.6	70.9	6,550	709	2,250
☐ (N)TSCGECEWÖU-GCC 12/20 kV · 3 × 70 mm ²	12/20	3 × 70 + 2 × 35/2 + 1 × 10 GC	11.2	68.3	74.8	7,800	748	3,150
Submersible 300 m · 3.6/6–12/20 kV 27 sizes								
☐ (N)TSCGECEWÖU-SUB 3.6/6 kV · 3 × 25 mm ²	3.6/6	3 × 25 + 3 × 25/3E	6.8	43.4	45.1	2,830	451	1,125
☐ (N)TSCGECEWÖU-SUB 3.6/6 kV · 3 × 35 mm ²	3.6/6	3 × 35 + 3 × 25/3E	7.8	45.0	46.7	3,180	467	1,575
☐ (N)TSCGECEWÖU-SUB 3.6/6 kV · 3 × 50 mm ²	3.6/6	3 × 50 + 3 × 25/3E	9.4	48.1	49.8	3,830	498	2,250
☐ (N)TSCGECEWÖU-SUB 3.6/6 kV · 3 × 70 mm ²	3.6/6	3 × 70 + 3 × 35/3E	11.2	53.7	55.5	4,960	555	3,150
☐ (N)TSCGECEWÖU-SUB 3.6/6 kV · 3 × 95 mm ²	3.6/6	3 × 95 + 3 × 50/3E	12.7	58.4	60.2	6,170	602	4,275
☐ (N)TSCGECEWÖU-SUB 3.6/6 kV · 3 × 120 mm ²	3.6/6	3 × 120 + 3 × 70/3E	14.4	62.9	65.2	7,540	652	5,400
☐ (N)TSCGECEWÖU-SUB 3.6/6 kV · 3 × 150 mm ²	3.6/6	3 × 150 + 3 × 70/3E	16.3	69.3	71.7	9,050	717	6,750
☐ (N)TSCGECEWÖU-SUB 3.6/6 kV · 3 × 185 mm ²	3.6/6	3 × 185 + 3 × 95/3E	17.6	72.1	74.5	10,350	745	8,325
☐ (N)TSCGECEWÖU-SUB 6/10 kV · 3 × 25 mm ²	6/10	3 × 25 + 3 × 25/3E	6.8	43.4	45.7	2,870	457	1,125
☐ (N)TSCGECEWÖU-SUB 6/10 kV · 3 × 35 mm ²	6/10	3 × 35 + 3 × 25/3E	7.8	45.0	47.3	3,220	473	1,575
☐ (N)TSCGECEWÖU-SUB 6/10 kV · 3 × 50 mm ²	6/10	3 × 50 + 3 × 25/3E	9.4	48.1	50.4	3,870	504	2,250
☐ (N)TSCGECEWÖU-SUB 6/10 kV · 3 × 70 mm ²	6/10	3 × 70 + 3 × 35/3E	11.2	53.7	56.1	5,000	561	3,150
☐ (N)TSCGECEWÖU-SUB 6/10 kV · 3 × 95 mm ²	6/10	3 × 95 + 3 × 50/3E	12.7	58.4	60.8	6,210	608	4,275
☐ (N)TSCGECEWÖU-SUB 6/10 kV · 3 × 120 mm ²	6/10	3 × 120 + 3 × 70/3E	14.4	62.9	65.9	7,580	659	5,400
☐ (N)TSCGECEWÖU-SUB 6/10 kV · 3 × 150 mm ²	6/10	3 × 150 + 3 × 70/3E	16.3	69.3	72.4	9,090	724	6,750
☐ (N)TSCGECEWÖU-SUB 6/10 kV · 3 × 185 mm ²	6/10	3 × 185 + 3 × 95/3E	17.6	72.1	75.2	10,390	752	8,325
☐ (N)TSCGECEWÖU-SUB 8.7/15 kV · 3 × 25 mm ²	8.7/15	3 × 25 + 3 × 25/3E	6.8	49.4	51.2	3,430	512	1,125
☐ (N)TSCGECEWÖU-SUB 8.7/15 kV · 3 × 35 mm ²	8.7/15	3 × 35 + 3 × 25/3E	7.8	50.9	52.7	3,800	527	1,575
☐ (N)TSCGECEWÖU-SUB 8.7/15 kV · 3 × 50 mm ²	8.7/15	3 × 50 + 3 × 25/3E	9.4	55.8	57.6	4,700	576	2,250
☐ (N)TSCGECEWÖU-SUB 8.7/15 kV · 3 × 70 mm ²	8.7/15	3 × 70 + 3 × 35/3E	11.2	59.6	61.4	5,670	614	3,150
☐ (N)TSCGECEWÖU-SUB 8.7/15 kV · 3 × 95 mm ²	8.7/15	3 × 95 + 3 × 50/3E	12.7	63.3	65.6	6,830	656	4,275
☐ (N)TSCGECEWÖU-SUB 8.7/15 kV · 3 × 120 mm ²	8.7/15	3 × 120 + 3 × 70/3E	14.4	69.8	72.2	8,520	722	5,400
☐ (N)TSCGECEWÖU-SUB 12/20 kV · 3 × 25 mm ²	12/20	3 × 25 + 3 × 25/3E	6.8	55.9	57.7	4,160	577	1,125
☐ (N)TSCGECEWÖU-SUB 12/20 kV · 3 × 35 mm ²	12/20	3 × 35 + 3 × 25/3E	7.8	57.3	59.1	4,560	591	1,575
☐ (N)TSCGECEWÖU-SUB 12/20 kV · 3 × 50 mm ²	12/20	3 × 50 + 3 × 25/3E	9.4	60.5	62.3	5,300	623	2,250
☐ (N)TSCGECEWÖU-SUB 12/20 kV · 3 × 70 mm ²	12/20	3 × 70 + 3 × 35/3E	11.2	66.1	67.9	6,580	679	3,150
☐ (N)TSCGECEWÖU-SUB 12/20 kV · 3 × 95 mm ²	12/20	3 × 95 + 3 × 50/3E	12.7	69.8	72.2	7,740	722	4,275

Ampacity (floor, air & 1–3 reel layers) & voltage drop

8 sizes

Phase area mm ²	On floor ≤6/10 kV A	Free air ≤6/10 kV A	On floor ≥8.7/15 kV A	Reeled 1 layer A	Reeled 2 layers A	Reeled 3 layers A	Voltage drop (PF 0.8) V/A·km	Max. pull (15 N/mm ²) N
25	131	138	139	105	80	64	1.45	1,125
35	162	170	172	130	99	79	1.06	1,575
50	202	212	216	162	123	99	0.77	2,250

Phase area mm ²	On floor ≤6/10 kV A	Free air ≤6/10 kV A	On floor ≥8.7/15 kV A	Reeled 1 layer A	Reeled 2 layers A	Reeled 3 layers A	Voltage drop (PF 0.8) V/A·km	Max. pull (15 N/mm ²) N
70	250	263	265	200	153	123	0.56	3,150
95	301	316	319	241	184	147	0.45	4,275
120	352	370	371	282	215	172	0.36	5,400
150	404	424	428	323	246	198	0.31	6,750
185	461	484	–	369	281	226	0.27	8,325

– Current ratings at 30 °C ambient. Multi-layer drum derating factors: 1 layer 0.80, 2 layers 0.61, 3 layers 0.49, 4 layers 0.42, 5 layers 0.38, 6 layers 0.27, 7 layers 0.22.

Standards and approvals

Certifications



Management systems: ISO 9001, ISO 14001, ISO 45001

Request a quotation

Send the size, length and destination. An application engineer replies within 2 business hours.

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+86 185 9591 3361

Email

info@tebaoflex.com

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tebaoflex.com/cables/ntscgecewou-red-medium-voltage-flexible-cable



Typical values for this cable type, based on DIN VDE 0250-813. Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.