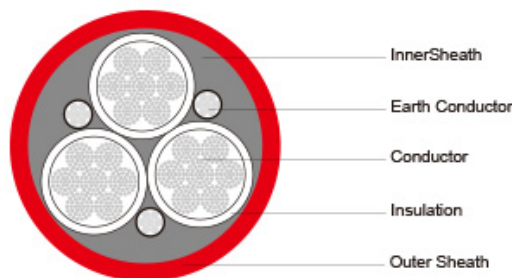


NTSCGEWOU Medium-Voltage Flexible Cable For Use In Water



Applications	These cables are designed for operation in water for connection to dredgers, floating docks, pumps, etc., in applications where high mechanical stresses are to be expected, also suitable for use in sewage, salt water and brackish water at water depths of up to 500 m.
Standards	VDE 0250 Part 813
Construction	
Conductors	Flexible stranded copper conductor, class 5 according to DIN VDE 0295.
Inner Conductor Layer	Semiconductive layer.
Insulation	Rubber type 3GI3.
Outer Conductor Layer	Semiconductive layer.
Earth Conductor	Split into three in the outer interstices or Individual concentric distributed over core insulating coverings (coding...../3E) or incorporated as a fourth core.
Inner Sheath	Rubber compound type GM1b with characteristics of waterproof and prevention of formation of water bubbles.
Outer Sheath	Waterproof rubber type 5GM3.

Dimensions and Weight

1.8/3kV

Number of Cores x Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No. x mm ²	mm	mm	kg/km
3x25+3x25/3	38.6	41.6	2480
3x35+3x25/3	42.5	45.5	3090
3x50+3x25/3	46	49	3750
3x70+3x35/3	49.2	52.2	4620
3x95+3x50/3	57.2	61.2	6200
3x120+3x70/3	60.9	64.9	7390
3x150+3x70/3	66.3	70.3	8830
3x185+3x95/3	69.4	73.4	10170
3x25+3x16/3E	41.3	44.3	1180

3x35+3x16/3E	43.9	46.9	1650
3x50+3x25/3E	47.8	50.8	2310
3x70+3x35/3E	52.5	56.5	3220
3x95+3x50/3E	59.4	63.4	4335
3x120+3x70/3E	65.5	69.5	5480
3x150+3x70/3E	69.2	73.2	6800
3x185+3x95/3E	72.2	76.2	8375

3.6/6kV

Number of Cores×Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.×mm ²	mm	mm	kg/km
3x16/16	47	52	3240
3x25/25	50	55	3870
3x35/35	55	55	4780
3x50/50	59	64	5700
3x70/70	64	70	7000
3x25+3x25/3	44.7	47.7	3120
3x35+3x25/3	47.3	50.3	3600
3x50+3x25/3	52.2	56.2	4560
3x70+3x35/3	55.5	59.5	5470
3x95+3x50/3	59.8	63.8	6570
3x120+3x70/3	65.3	69.3	8090
3x150+3x70/3	68.9	72.9	9250
3x185+3x95/3	72	76	10600
3x25+3x16/3E	46	49	3160
3x35+3x16/3E	48.6	51.6	3640
3x50+3x25/3E	54	58	4600
3x70+3x35/3E	57.2	61.2	5510
3x95+3x50/3E	63.8	67.8	6610
3x120+3x70/3E	68.1	72.1	8130
3x150+3x70/3E	71.8	75.8	9290
3x185+3x95/3E	76.6	80.6	10840

6/10 kV

Number of Cores×Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.×mm ²	mm	mm	kg/km
3x16/16	49	54	3450
3x25/25	54	59	4350

3x35/35	57	62	5050
3x25+3x25/3	46.4	49.4	3320
3x35+3x25/3	49	52	3810
3x50+3x25/3	54	58	4780
3x70+3x35/3	57.2	61.2	5700
3x95+3x50/3	61.5	65.5	6830
3x120+3x70/3	67	71	8360
3x150+3x70/3	70.7	74.7	9530
3x185+3x95/3	73.7	77.7	10890
3x25+3x16/3E	47.8	50.8	3360
3x35+3x16/3E	51.9	55.9	3850
3x50+3x25/3E	55.5	59.5	4820
3x70+3x35/3E	59	63	5740
3x95+3x50/3E	65.5	69.5	6870
3x120+3x70/3E	69.8	73.8	8400
3x150+3x70/3E	73.5	77.5	9570
3x185+3x95/3E	78.3	82.3	10930

8.7/15 kV

Number of Cores×Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.×mm ²	mm	mm	kg/km
3x25+3x25/3	52.7	56.7	4050
3x35+3x25/3	55.3	59.3	4650
3x50+3x25/3	58.7	62.7	5390
3x70+3x35/3	63.8	67.8	6740
3x95+3x50/3	68.1	72.1	7870
3x120+3x70/3	71.7	75.7	9150
3x150+3x70/3	77.2	81.2	10770
3x185+3x95/3	80.2	84.2	12310
3x25+3x16/3E	54	58	4090
3x35+3x16/3E	56.6	60.6	4690
3x50+3x25/3E	60.3	64.3	5430
3x70+3x35/3E	65.5	69.5	6780
3x95+3x50/3E	70.3	74.3	7910
3x120+3x70/3E	76.4	80.4	9190
3x150+3x70/3E	80.1	84.1	10810
3x185+3x95/3E	83.1	87.1	12350

12/20 kV

Number of Cores×Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.xmm ²	mm	mm	kg/km
3x25/25	66,0	72	6140
3x35/35	69	75	6900
3x25+3x25/3	57	61	4690
3x35+3x25/3	59.6	63.6	5260
3x50+3x25/3	64.8	68.8	6380
3x70+3x35/3	68.1	72.1	7370
3x95+3x50/3	72.4	76.4	8600
3x120+3x70/3	77.9	81.9	10290
3x150+3x70/3	81.5	85.5	11560
3x185+3x95/3	84.3	89.3	13000
3x25+3x16/3E	58.3	62.3	4730
3x35+3x16/3E	60.9	64.9	5300
3x50+3x25/3E	66.4	70.4	6420
3x70+3x35/3E	69.8	73.8	7410
3x95+3x50/3E	76.4	80.4	8640
3x120+3x70/3E	80.7	84.7	10330
3x150+3x70/3E	84.2	89.2	11600
3x185+3x95/3E	89	94	13040

14/25 kV

Number of Cores×Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.xmm ²	mm	mm	kg/km
3x50/50	81	88	9600
3x70/70	86	93	11100
3x95/95	92	99	13020
3x25+3x25/3	64.4	68.4	5860
3x35+3x25/3	67	71	8390
3x50+3x25/3	70.4	74.4	7220
3x70+3x35/3	73.7	77.7	8720
3x95+3x50/3	79.8	83.8	9950
3x120+3x70/3	83.5	87.5	11380
3x150+3x70/3	88.7	93.7	13120
3x185+3x95/3	91.8	96.8	14770
3x25+3x16/3E	65.7	69.7	5900
3x35+3x16/3E	68.3	72.3	8430

3x50+3x25/3E	72	76	7260
3x70+3x35/3E	77.2	81.2	8760
3x95+3x50/3E	82	86	9990
3x120+3x70/3E	87.9	92.9	11420
3x150+3x70/3E	91.6	96.6	13160
3x185+3x95/3E	94.6	99.6	14810

18/30kV

Number of Cores×Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.xmm ²	mm	mm	kg/km
3x70/70	93	100	12780
3x95/95	97	104	14350
3x25+3x25/3	69.6	73.6	7010
3x35+3x25/3	72.2	76.2	7440
3x50+3x25/3	77.4	81.4	8590
3x70+3x35/3	80.7	84.7	9670
3x95+3x50/3	84.8	89.8	11010
3x120+3x70/3	90.2	95.2	12890
3x150+3x70/3	93.9	98.9	14260
3x185+3x95/3	96.8	102	15780
3x25+3x16/3E	70.9	74.9	7050
3x35+3x16/3E	73.5	77.5	7490
3x50+3x25/3E	79	83	8630
3x70+3x35/3E	82.4	86.4	9710
3x95+3x50/3E	88.8	93.8	11050
3x120+3x70/3E	93.1	98.1	12930
3x150+3x70/3E	96.8	101.8	14300
3x185+3x95/3E	101.6	106.6	15820

20/35 kV

Number of Cores×Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.xmm ²	mm	mm	kg/km
3x70/70	102	110	14950
3x95/95	106	114	16540
3x95+3x50/3	95	102	13670
3x120+3x70/3	101	109	15760