

NTMCWOU Flexible Medium-Voltage Single Core Cable

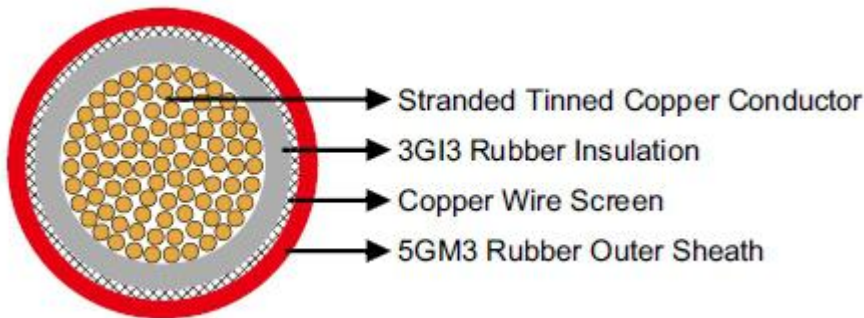
Applications

These cables are used for connection in switch-gear and for connection of mobile transformer substations to the overhead line.

Standards

VDE 0250 Part 813

Construction



Conductors: Flexible stranded tinned copper conductor, class 5 according to DIN VDE 0295.

Inner Conductor Layer: Special conductive rubber.

Insulation: EPR type 3GI3.

Outer Conductor Layer: Special conductive rubber.

Screen: Spiral of tinned copper wires.

Outer Sheath: PCP type 5GM3.

Dimensions and Weight

6/10kV

Number of Cores×Nominal Cross Section	Insulation Thickness	Thickness of Outer Sheath	Nominal Overall Diameter	Nominal Weight
No. × mm ²	mm	mm	mm	kg/km
1×16/16	3.4	2.2	22.0	760
1×25/16	3.4	2.2	23.5	910
1×35/16	3.4	2.2	24.5	1040
1×50/16	3.4	2.2	27.0	1260
1×70/16	3.4	2.5	28.5	1530
1×95/16	3.4	2.5	30.5	1770
1×120/16	3.4	2.5	33.5	2180
1×150/25	3.4	3.0	35.0	2550
1×185/25	3.4	3.0	37.0	2900
1×240/25	3.4	3.5	41.0	3590
1×300/25	3.4	3.5	43.0	4280

1×400/35	3.4	4.0	46.0	5120
1×500/35	3.4	4.0	49.0	5950
1×630/35	3.4	4.0	53.5	7860

12/20kV

Number of Cores×Nominal Cross Section	Insulation Thickness	Thickness of Outer Sheath	Nominal Overall Diameter	Nominal Weight
No.×mm ²	mm	mm	mm	kg/km
1×25/16	5.5	2.5	28.0	1180
1×35/16	5.5	2.5	29.5	1320
1×50/16	5.5	2.5	31.5	1560
1×70/16	5.5	3.0	34.0	1920
1×95/16	5.5	3.0	36.0	2190
1×120/16	5.5	3.0	38.0	2460
1×150/25	5.5	3.5	40.0	2990
1×185/25	5.5	3.5	42.0	3350
1×240/25	5.5	3.5	45.0	3990
1×300/25	5.5	3.5	48.0	4760
1×400/35	5.5	4.0	52.0	6100
1×500/35	5.5	4.0	56.0	7010
1×630/35	5.5	4.0	60.0	8180

14/25kV

Number of Cores×Nominal Cross Section	Insulation Thickness	Thickness of Outer Sheath	Nominal Overall Diameter	Nominal Weight
No.×mm ²	mm	mm	mm	kg/km
1×25/16	6.8	3.0	30.5	1300
1×300/25	6.8	4.0	49.0	4900

18/30kV

Number of Cores×Nominal Cross Section	Insulation Thickness	Thickness of Outer Sheath	Nominal Overall Diameter	Nominal Weight
No.×mm ²	mm	mm	mm	kg/km
1×50/16	8.0	3.0	35.0	1870

20/35 kV

Number of Cores×Nominal Cross Section	Insulation Thickness	Thickness of Outer Sheath	Nominal Overall Diameter	Nominal Weight
No.×mm ²	mm	mm	mm	kg/km
1×95/16	9.5	3.5	44.0	2900
1×150/25	9.5	3.5	46.3	3600

1×240/25	9.5	4.0	51.7	5000
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