

NTMCGCWOEU Flexible Medium-Voltage Single Core Cable

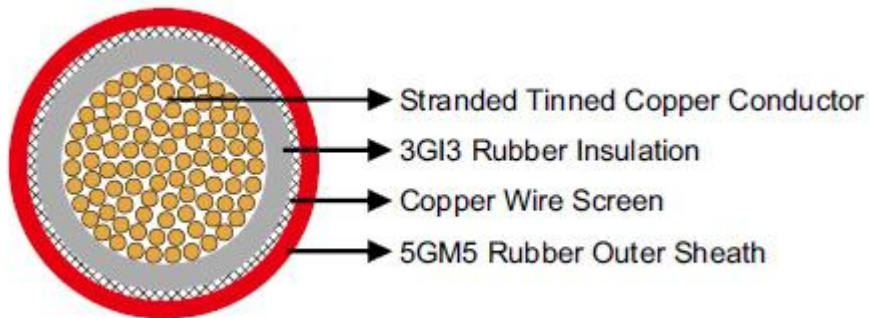
Applications

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: Semiconductive rubber.

Insulation: EPR type 3GI3.

Outer Conductor Layer: Semiconductive rubber.

Screen: Copper wire braid.

Outer Sheath: PCP type 5GM5.

Dimensions and Weight

3.6/6kV

Number of Cores×Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.×mm ²	mm	mm	kg/km
1×16/16KON	19.4	21.4	601
1×25/16KON	21.4	23.4	825
1×35/16KON	22.6	24.6	882
1×50/16KON	24.6	27.6	1104
1×70/16KON	26.5	29.5	1346
1×95/16KON	28.5	31.5	1614
1×120/16KON	31.2	34.2	1983
1×150/25KON	32.9	35.9	2300
1×185/25KON	34.3	37.3	2642
1×240/25KON	38.6	41.6	3371

6/10 kV

Number of Cores×Nominal Cross	Minimum Overall	Maximum Overall	Nominal
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Section	Diameter	Diameter	Weight
No. x mm ²	mm	mm	kg/km
1×16/16KON	20.4	22.4	644
1×25/16KON	22.2	24.2	791
1×35/16KON	23.4	25.4	1050
1×50/16KON	25.4	28.4	1153
1×70/16KON	27.3	30.3	1399
1×95/16KON	29.3	32.3	1910
1×120/16KON	32.0	35.0	2044
1×150/25KON	33.7	36.7	2364
1×185/25KON	35.1	38.1	2709
1×240/25KON	39.4	42.4	3446

8.7/15 kV

Number of Cores×Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No. x mm ²	mm	mm	kg/km
1×16/16KON	22.6	24.6	760
1×25/16KON	24.8	27.8	954
1×35/16KON	26.4	29.4	1101
1×50/16KON	28.0	31.0	1304
1×70/16KON	30.5	33.5	1623
1×95/16KON	32.5	35.5	1912
1×120/16KON	34.2	37.2	2219
1×150/25KON	36.9	39.9	2637
1×185/25KON	38.3	41.3	2995
1×240/25KON	41.6	44.6	3658

12/20 kV

Number of Cores×Nominal Cross Section	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No. x mm ²	mm	mm	kg/km
1×16/16KON	26.0	29.0	971
1×25/16KON	27.2	30.2	1090
1×35/16KON	28.4	31.4	1236
1×50/16KON	31.0	34.0	1680
1×70/16KON	32.5	35.5	1776
1×95/16KON	34.5	37.5	2170
1×120/16KON	37.2	40.2	2481

1×150/25KON	38.9	41.9	3020
1×185/25KON	40.3	43.3	3182
1×240/25KON	43.6	46.6	3870