



NTMCGCWOEU Flexible Medium Voltage Single Core Cable

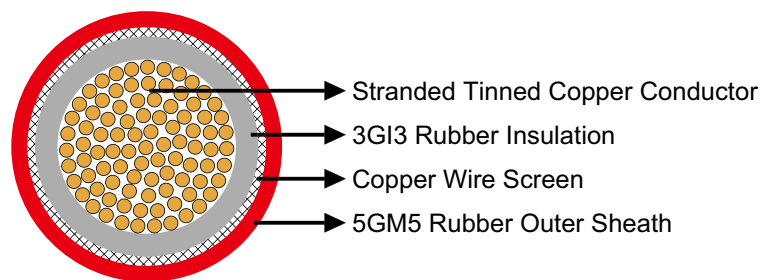
» Applications

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 |



Caledonian Mining Cables

Cables for Open-cast Mining

| Number of Cores×Nominal Cross Section | Minimum Overall Diameter | Maximum Overall Diameter | Nominal Weight |
|---------------------------------------|--------------------------|--------------------------|----------------|
| No. ×mm ² | mm | mm | kg/km |
| 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 Section | Minimum Overall Diameter | Maximum Overall Diameter | Nominal Weight |
|---------------------------------------|--------------------------|--------------------------|----------------|
| No. ×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. ×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 |

Caledonian Mining Cables

Cables for Open-cast Mining



12/20 kV

| Number of Cores×Nominal Cross Section | Minimum Overall Diameter | Maximum Overall Diameter | Nominal Weight |
|---------------------------------------|--------------------------|--------------------------|----------------|
| No. ×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 |