



# N2X(F)K2Y

High Voltage Cables

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## DESCRIPTION

The N2X(F)K2Y high-voltage cable series, designed for 64/110kV applications, utilizes copper conductors and XLPE insulation to meet the rigorous demands of industrial power distribution and transmission. These cables are engineered for high ampacity and fault current withstand in diverse installation environments.

## TECHNICAL DATA

|                    |           |
|--------------------|-----------|
| Rated voltage (kV) | 64/110 kV |
|--------------------|-----------|



### CROSS-SECTION DATA — 64/110 kV

Voltage

64/110 kV

| Cores & CS | Cond. | RI [Ohm/km] | Wi [mm] | Rbv [mm] | Ø [mm] | G [kg/km] |
|------------|-------|-------------|---------|----------|--------|-----------|
| 1x150RM    | Cu    | 0.16        | 18      | 1.4      | 67     | 8300      |
| 1x185RM    | Cu    | 0.13        | 17      | 1.3      | 66     | 8400      |
| 1x240RM    | Cu    | 0.1         | 16.5    | 1.4      | 67     | 9030      |
| 1x300RM    | Cu    | 0.08        | 15.5    | 1.4      | 67     | 9540      |
| 1x400RM    | Cu    | 0.06        | 14.5    | 1.4      | 69     | 10410     |
| 1x500RM    | Cu    | 0.05        | 14      | 1.4      | 71     | 11590     |
| 1x630RM    | Cu    | 0.04        | 14      | 1.5      | 75     | 13470     |
| 1x800RM    | Cu    | 0.03        | 14      | 1.6      | 80     | 15590     |
| 1x1000RM   | Cu    | 0.03        | 14      | 1.7      | 84     | 17980     |
| 1x1200RMS  | Cu    | 0.02        | 14      | 1.8      | 89     | 20530     |
| 1x1400RMS  | Cu    | 0.02        | 14      | 1.9      | 94     | 22780     |
| 1x1600RMS  | Cu    | 0.02        | 14      | 2        | 98     | 25280     |
| 1x1800RMS  | Cu    | 0.02        | 14      | 2        | 102    | 27940     |
| 1x2000RMS  | Cu    | 0.02        | 14      | 2.1      | 103    | 29610     |
| 1x2500RMS  | Cu    | 0.01        | 14.5    | 2.2      | 112    | 35400     |
| 1x3000RMS  | Cu    | 0.01        | 14.5    | 2.4      | 121    | 42420     |