



# NA2XY

Niederspannungskabel

No image available

## TECHNICAL DATA

Bending radius (mm)

15/12xD

Colour of sheath

black

CPR class

Eca

Insulation

XLPE

Maximal short-circuit temperature (°C)

250

Minimal temperature for laying (°C)

-5

Packaging

cable drums

RoHS/REACH

yes/yes

Sheath

PE

Colour of insulation

HD 308 S2

Conductor

AL

CUScreen

No

Maximal operating conductor temperature (°C)

90

Minimal storage temperature (°C)

-35

Operating temperature range (°C)

-35-+90

Rated voltage (kV)

0.6/1

Self-extinguishing of single cable

IEC 60332-1-2

Test voltage (kV)

4



## NA2XY

## CROSS-SECTION DATA — 0.6/1 kV

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Voltage<br>0.6/1 kV                   | Test voltage<br>4 kV                       | Operating temperature range<br>-35-+90 °C |
| Conductor temperature (max.)<br>90 °C | Short-circuit temperature (max.)<br>250 °C | Minimum laying temperature<br>-5 °C       |
| Minimum storage temperature<br>-35 °C | CPR class<br>Eca                           | Flame retardant<br>IEC 60332-1-2          |

| Designation | Cond. | DI [mm] | RI [Ohm/km] | Wi [mm] | Wm [mm] | Rbv [mm] | Ø [mm] | G [kg/km] |
|-------------|-------|---------|-------------|---------|---------|----------|--------|-----------|
| 1x16        | Al    | ~6.4    | 1.91        | 0.7     | 1.8     | 12xD     | 10     | 136       |
| 1x25        | Al    | ~8.4    | 1.2         | 0.9     | 1.8     | 12xD     | 12     | 182       |
| 1x35        | Al    | ~9.4    | 0.868       | 0.9     | 1.8     | 12xD     | 13     | 222       |
| 1x50        | Al    | ~10.4   | 0.641       | 1       | 1.8     | 12xD     | 14     | 275       |
| 1x70        | Al    | ~12.4   | 0.443       | 1.1     | 1.8     | 12xD     | 16     | 358       |
| 1x95        | Al    | ~14.4   | 0.32        | 1.1     | 1.8     | 12xD     | 18     | 448       |
| 1x120       | Al    | ~16.4   | 0.253       | 1.2     | 1.8     | 12xD     | 20     | 538       |
| 1x150       | Al    | ~18.4   | 0.206       | 1.4     | 1.8     | 12xD     | 22     | 654       |
| 1x185       | Al    | ~20.4   | 0.164       | 1.6     | 1.8     | 12xD     | 24     | 797       |
| 1x240       | Al    | ~22.4   | 0.125       | 1.7     | 1.8     | 12xD     | 26     | 991       |
| 1x300       | Al    | ~25.4   | 0.1         | 1.8     | 1.8     | 12xD     | 29     | 1194      |
| 1x400       | Al    | ~28.2   | 0.0778      | 2       | 1.9     | 12xD     | 32     | 1504      |
| 1x500       | Al    | ~32     | 0.0605      | 2.2     | 2       | 12xD     | 36     | 1889      |
| 3x16        | Al    | ~15.4   | 1.91        | 0.7     | 1.8     | 12xD     | 19     | 513       |
| 3x25        | Al    | ~18.4   | 1.2         | 0.9     | 1.8     | 12xD     | 22     | 703       |
| 3x35        | Al    | ~21.4   | 0.868       | 0.9     | 1.8     | 12xD     | 25     | 868       |
| 3x50        | Al    | ~22.4   | 0.641       | 1       | 1.8     | 12xD     | 26     | 955       |
| 3x70        | Al    | ~26.2   | 0.443       | 1.1     | 1.9     | 12xD     | 30     | 1274      |
| 3x95        | Al    | ~29     | 0.32        | 1.1     | 2       | 12xD     | 33     | 1584      |
| 3x120       | Al    | ~34.8   | 0.253       | 1.2     | 2.1     | 12xD     | 39     | 1951      |
| 3x150       | Al    | ~36.4   | 0.206       | 1.4     | 2.3     | 12xD     | 41     | 2354      |
| 3x185       | Al    | ~40.2   | 0.164       | 1.6     | 2.4     | 12xD     | 45     | 2832      |
| 3x240       | Al    | ~45.8   | 0.125       | 1.7     | 2.6     | 12xD     | 51     | 3597      |
| 3x25+16     | Al    | ~19.4   | 1.2         | 0.9/0.7 | 1.8     | 12xD     | 23     | 770       |
| 3x35+16     | Al    | ~21.4   | 0.868       | 0.9/0.7 | 1.8     | 12xD     | 25     | 940       |
| 3x50+25     | Al    | ~25.4   | 0.641       | 1.0/0.9 | 1.8     | 12xD     | 29     | 1142      |
| 3x70+35     | Al    | ~29.2   | 0.443       | 1.1/0.9 | 1.9     | 12xD     | 33     | 1509      |
| 3x95+50     | Al    | ~32.8   | 0.32        | 1.1/1.0 | 2.1     | 12xD     | 37     | 1859      |
| 3x120+70    | Al    | ~35.6   | 0.253       | 1.2/1.1 | 2.2     | 12xD     | 40     | 2245      |



## NA2XY

| Designation | Cond. | DI [mm] | RI [Ohm/km] | Wi [mm] | Wm [mm] | Rbv [mm] | Ø [mm] | G [kg/km] |
|-------------|-------|---------|-------------|---------|---------|----------|--------|-----------|
| 3x150+70    | Al    | ~40.4   | 0.206       | 1.4/1.1 | 2.3     | 12xD     | 45     | 2720      |
| 3x185+95    | Al    | ~44     | 0.164       | 1.6/1.1 | 2.5     | 12xD     | 49     | 3310      |
| 3x240+120   | Al    | ~50.6   | 0.125       | 1.7/1.2 | 2.7     | 12xD     | 56     | 4202      |
| 4x16        | Al    | ~17.4   | 1.91        | 0.7     | 1.8     | 12xD     | 21     | 611       |
| 4x25        | Al    | ~20.4   | 1.2         | 0.9     | 1.8     | 12xD     | 24     | 823       |
| 4x35        | Al    | ~23.4   | 0.868       | 0.9     | 1.8     | 12xD     | 27     | 1015      |
| 4x35        | Al    | ~22.4   | 0.868       | 0.9     | 1.8     | 12xD     | 26     | 960       |
| 4x50        | Al    | ~28.2   | 0.641       | 1       | 1.9     | 12xD     | 32     | 1385      |
| 4x50        | Al    | ~23.2   | 0.641       | 1       | 1.9     | 12xD     | 27     | 1115      |
| 4x50        | Al    | ~25.2   | 0.641       | 1       | 1.9     | 12xD     | 29     | 1192      |
| 4x70        | Al    | ~28     | 0.443       | 1.1     | 2       | 12xD     | 32     | 1501      |
| 4x95        | Al    | ~30.8   | 0.32        | 1.1     | 2.1     | 12xD     | 35     | 1901      |
| 4x95        | Al    | ~32.8   | 0.32        | 1.1     | 2.1     | 12xD     | 37     | 2012      |
| 4x120       | Al    | ~34.4   | 0.253       | 1.2     | 2.3     | 12xD     | 39     | 2376      |
| 4x150       | Al    | ~38.2   | 0.206       | 1.4     | 2.4     | 12xD     | 43     | 2827      |
| 4x150       | Al    | ~41.2   | 0.206       | 1.4     | 2.4     | 12xD     | 46     | 3007      |
| 4x185       | Al    | ~42.8   | 0.164       | 1.6     | 2.6     | 12xD     | 48     | 3466      |
| 4x240       | Al    | ~48.4   | 0.125       | 1.7     | 2.8     | 12xD     | 54     | 4373      |
| 4x240       | Al    | ~51.4   | 0.125       | 1.7     | 2.8     | 12xD     | 57     | 4648      |
| 5x16        | Al    | ~19.4   | 1.91        | 0.7     | 1.8     | 12xD     | 23     | 688       |
| 5x25        | Al    | ~22.4   | 1.2         | 0.9     | 1.8     | 12xD     | 26     | 955       |
| 5x35        | Al    | ~25.4   | 0.868       | 0.9     | 1.8     | 12xD     | 29     | 1181      |
| 5x50        | Al    | ~29     | 0.641       | 1       | 2       | 12xD     | 33     | 1543      |
| 5x70        | Al    | ~33.8   | 0.443       | 1.1     | 2.1     | 12xD     | 38     | 2030      |
| 5x95        | Al    | ~37.4   | 0.32        | 1.1     | 2.3     | 12xD     | 42     | 2604      |
| 5x120       | Al    | ~42.2   | 0.253       | 1.2     | 2.4     | 12xD     | 47     | 3159      |