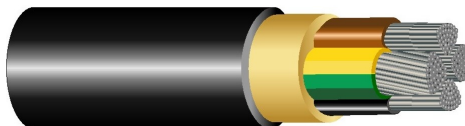


## NA2XY 0,6/1 kV - Multicore cable with XLPE insulation and PVC outersheath



### Application

Outdoor application; protected from solar radiation. Direct buried, in trench or in ducts.

### Global data

|                  |                  |
|------------------|------------------|
| Standard         | DIN VDE 0276-603 |
| Type designation | NA2XY            |

### Design features

|                   |                            |
|-------------------|----------------------------|
| Conductor         | Aluminium conductor        |
| Insulation        | XLPE insulation            |
| Inner Sheath      | Extruded inner sheath      |
| Outer sheath      | PVC outersheath            |
| Available colours | Black                      |
| Marking           | NA2XY-J 4 x 95 SM 0,6/1 kV |

### Electrical parameters

|                   |                      |
|-------------------|----------------------|
| Rated voltage     | 0.6/1 kV (600/1000V) |
| Test voltage (AC) | 4 kV                 |

### Chemical parameters

|                          |            |
|--------------------------|------------|
| Performance against fire | EN 60332-1 |
| Lead Free                | Yes        |

### Thermal parameters

|                                                          |        |
|----------------------------------------------------------|--------|
| Max. operating temperature of conductor                  | 90 °C  |
| Max. operating temperature of the conductor              | 90 °C  |
| Max. operating temperature of conductor at short-circuit | 250 °C |
| Minimum installation temperature                         | -5 °C  |

| Number of cores x cross section | Outer diameter nom.<br>mm | Weight (approx.)<br>kg/km | Conductor DC resistance at 20°C<br>$\Omega/\text{km}$ | Current-carrying capacity during normal operation, laid in the ground<br>A | Current carrying capacity for install. free in air<br>A | Delivery length<br>m |
|---------------------------------|---------------------------|---------------------------|-------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------|----------------------|
| 4x25RE                          | 24                        | 780                       | 1.2                                                   | 112                                                                        | 102                                                     | 1000, 2000           |
| 4x35SM                          | 27                        | 1060                      | 0.868                                                 | 135                                                                        | 126                                                     | 1000, 2000           |
| 4x50SM                          | 29                        | 1200                      | 0.641                                                 | 158                                                                        | 149                                                     | 500, 1000            |
| 4x70SM                          | 33                        | 1560                      | 0.443                                                 | 196                                                                        | 191                                                     | 500, 1000            |
| 4x95SM                          | 36                        | 1950                      | 0.32                                                  | 234                                                                        | 234                                                     | 500, 1000            |
| 4x120SM                         | 40                        | 2370                      | 0.253                                                 | 268                                                                        | 273                                                     | 500, 1000            |
| 4x150SM                         | 43                        | 2850                      | 0.206                                                 | 300                                                                        | 311                                                     | 500                  |
| 4x185SM                         | 48                        | 3470                      | 0.164                                                 | 342                                                                        | 360                                                     | 500                  |
| 4x240SM                         | 53                        | 4320                      | 0.125                                                 | 398                                                                        | 427                                                     | 300                  |