



We Make Modern  
Life Possible

# NA2XY-J or NA2XY-O

XLPE/PVC aluminium underground cable



## TECHNICAL DATA



**Standard**  
DIN VDE 0276-603



**Certificate**  
VDE



**Test Voltage**  
4 kV / 50 Hz



**Rated Voltage**  
0.6/1 kV (U<sub>0</sub>/U)



**Bending radius (min.)**  
12 x Ø of cable



**Fire properties**  
EN 60332-1-2: flame retardant



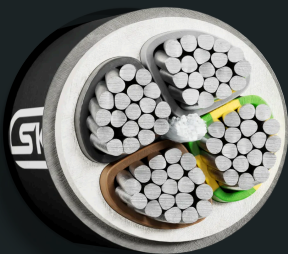
**Core identification**  
HD 308 S2



**Temperature range**  
Laying temperature: min. -5°C  
Operating temperature: -50°C up to 90°C  
Conductor temperature: max. 90°C

Short circuit temperature: max. 250°C

## DESIGN



| Number of cores x nominal cross-section (mm <sup>2</sup> ) | Max. conductor resistance (Ω/km) | Current rating in the earth (A) | Current rating in the air (A) | Outer diameter appr. (mm) | Total weight appr. (kg/km) | Standard lengths/p-acking (m) |
|------------------------------------------------------------|----------------------------------|---------------------------------|-------------------------------|---------------------------|----------------------------|-------------------------------|
| 1 x 25 RM                                                  | 1.2                              | 114                             | 106                           | 11.5                      | 175                        | 1000 D                        |
| 1 x 35 RM                                                  | 0.868                            | 136                             | 130                           | 13.0                      | 206                        | 1000 D                        |
| 1 x 50 RM                                                  | 0.641                            | 162                             | 161                           | 14.9                      | 267                        | 1000 D                        |
| 1 x 70 RM                                                  | 0.443                            | 199                             | 204                           | 16.3                      | 385                        | 1000 D                        |
| 1 x 95 RM                                                  | 0.32                             | 238                             | 252                           | 18.9                      | 451                        | 1000 D                        |
| 1 x 120 RM                                                 | 0.253                            | 272                             | 295                           | 19.8                      | 571                        | 1000 D                        |
| 1 x 150 RM                                                 | 0.206                            | 305                             | 339                           | 21.5                      | 640                        | 500 D, 1000 D                 |
| 1 x 185 RM                                                 | 0.164                            | 347                             | 395                           | 23.9                      | 895                        | 500 D, 1000 D                 |
| 1 x 240 RM                                                 | 0.125                            | 404                             | 472                           | 26.3                      | 984                        | 500 D, 1000 D                 |
| 1 x 300 RM                                                 | 0.1                              | 457                             | 547                           | 29.0                      | 1180                       | 500 D, 1000 D                 |
| 1 x 400 RM                                                 | 0.078                            | 525                             | 643                           | 32.7                      | 1522                       | 500 D, 1000 D                 |
| 1 x 500 RM                                                 | 0.061                            | 754                             | 601                           | 36.5                      | 1922                       | 500 D, 1000 D                 |
| 3 x 185 SM                                                 | 0.164                            | 342                             | 360                           | 45.7                      | 2347                       | 500 D                         |
| 3 x 25 RM                                                  | 1.2                              | 112                             | 102                           | 20.0                      | 587                        | 1000 D                        |
| 3 x 35 RM                                                  | 0.868                            | 135                             | 126                           | 22.5                      | 531                        | 1000 D                        |
| 3 x 185 SM                                                 | 0.164                            | 342                             | 360                           | 45.7                      | 2347                       | 1000 D                        |
| 4 x 25 RE                                                  | 1.2                              | 112                             | 102                           | 25.5                      | 885                        | 1000 D                        |
| 4 x 25 RM                                                  | 1.2                              | 112                             | 102                           | 26.7                      | 895                        | 1000 D                        |
| 4 x 35 RM                                                  | 0.868                            | 135                             | 126                           | 29.3                      | 1010                       | 1000 D                        |
| 4 x 35 SM                                                  | 0.868                            | 135                             | 126                           | 25.9                      | 690                        | 1000 D                        |
| 4 x 50 SM                                                  | 0.641                            | 158                             | 149                           | 34.4                      | 1100                       | 1000 D                        |
| 4 x 70 SM                                                  | 0.443                            | 196                             | 191                           | 38.0                      | 1440                       | 1000 D                        |
| 4 x 95 SM                                                  | 0.32                             | 234                             | 234                           | 41.5                      | 1810                       | 1000 D                        |
| 4 x 120 SM                                                 | 0.253                            | 268                             | 273                           | 46.6                      | 2180                       | 1000 D                        |
| 4 x 150 SM                                                 | 0.206                            | 300                             | 311                           | 50.4                      | 2750                       | 500 D                         |
| 4 x 185 SM                                                 | 0.164                            | 342                             | 360                           | 53.5                      | 3470                       | 500 D                         |
| 4 x 240 SE                                                 | 0.125                            | 398                             | 427                           | 55.8                      | 4090                       | 500 D                         |
| 4 x 240 SM                                                 | 0.125                            | 398                             | 427                           | 63.2                      | 4290                       | 500 D                         |
| 5 x 35 SM                                                  | 0.868                            | 135                             | 126                           | 31.0                      | 1195                       | 1000 D                        |
| 5 x 35 SM                                                  | 0.868                            | 135                             | 126                           | 31.0                      | 1195                       | 1000 D                        |

## CONTACT PERSON

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