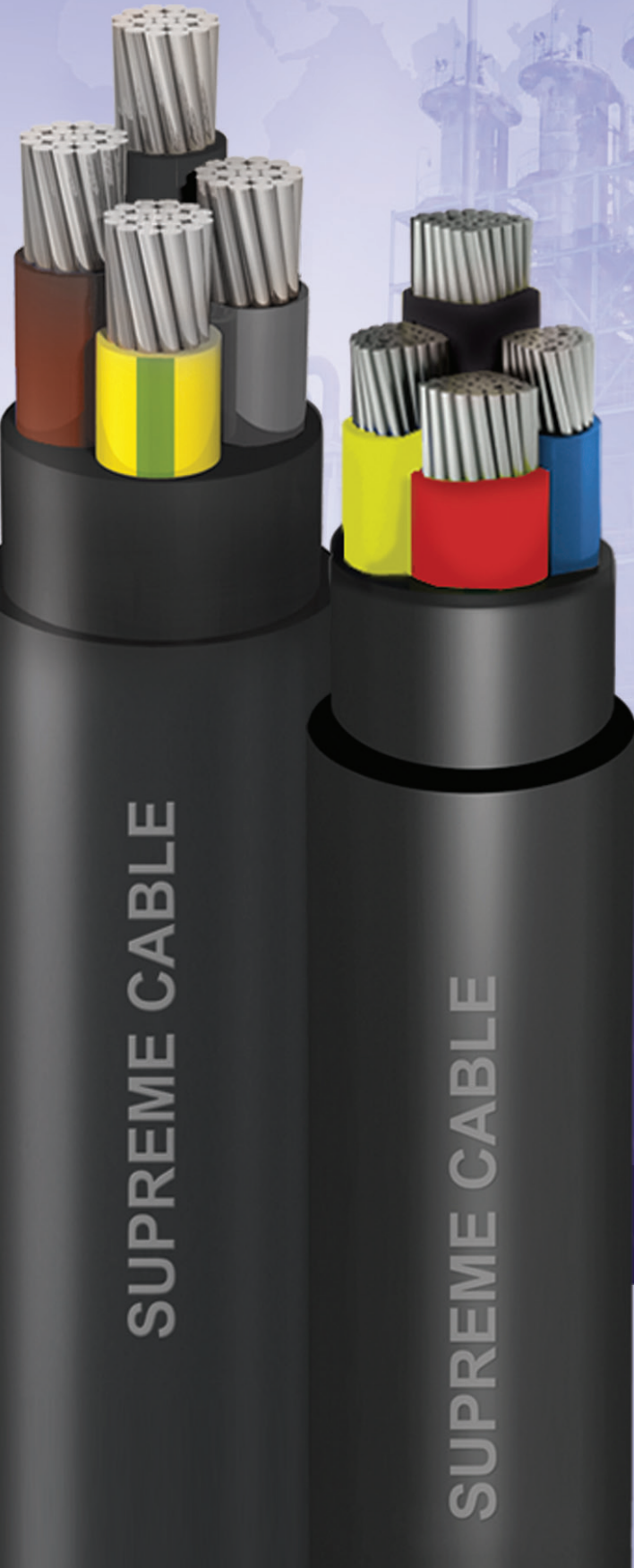




**PT SUPREME CABLE**

MANUFACTURING & COMMERCE Tbk

( PT SUCACO Tbk )



SUPREME CABLE

SUPREME CABLE

## Low Voltage

AL PVC Insulated Cables

AL XLPE Insulated Cables

catalogue



**PT MIDO AGUNG PERKASA**

Official Distributor & Exporter of  
Supreme Cable Indonesia

Contact : Kevin

Phone : +6287787459268

Email : kevin@midoagungperkasa.com

[www.midoagungperkasa.com](http://www.midoagungperkasa.com)

# Low Voltage

## AL PVC Insulated Cables

### NAYA 450/750 V

IEC 60227-3

Aluminium conductor and PVC insulated



#### DIMENSIONAL & MECHANICAL DATA

1 Core

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness Insulation | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|------------------------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    |                              | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                           | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 1,0                          | 7                | 78         | 45                 | 1.000                    |
| 25                           | 7                              | rm | 1,2                          | 9                | 121        | 55                 | 1.000                    |
| 35                           | 7                              | rm | 1,2                          | 10               | 158        | 65                 | 1.000                    |
| 50                           | 19                             | rm | 1,4                          | 18               | 280        | 110                | 1.000                    |
| 70                           | 19                             | rm | 1,4                          | 16               | 385        | 100                | 1.000                    |
| 95                           | 19                             | rm | 1,4                          | 14               | 502        | 100                | 1.000                    |
| 120                          | 37                             | rm | 1,6                          | 22               | 719        | 135                | 1.000                    |
| 150                          | 37                             | rm | 1,8                          | 20               | 574        | 120                | 1.000                    |
| 185                          | 37                             | rm | 2,1                          | 18               | 466        | 110                | 1.000                    |
| 240                          | 61                             | rm | 2,3                          | 25               | 931        | 150                | 1.000                    |
| 300                          | 61                             | rm | 2,5                          | 28               | 1159       | 120                | 1.000                    |
| 400                          | 61                             | rm | 2,7                          | 31               | 1466       | 190                | 1.000                    |

#### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C In AIR | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|-------------------------------------------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min |                                           |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                         | kA                                            |
| 16                           | 1,91                | 5              | 77                                        | 1,28                                          |
| 25                           | 1,20                | 5              | 101                                       | 1,98                                          |
| 35                           | 0,686               | 4,5            | 123                                       | 2,75                                          |
| 50                           | 0,641               | 4              | 154                                       | 3,91                                          |
| 70                           | 0,443               | 3,5            | 191                                       | 5,45                                          |
| 95                           | 0,320               | 3,5            | 226                                       | 7,37                                          |
| 120                          | 0,253               | 3,2            | 269                                       | 9,29                                          |
| 150                          | 0,206               | 3,2            | 305                                       | 11,59                                         |
| 185                          | 0,164               | 3,2            | 348                                       | 14,27                                         |
| 240                          | 0,125               | 3,2            | 410                                       | 18,48                                         |
| 300                          | 0,100               | 3              | 473                                       | 23,06                                         |
| 400                          | 0,0778              | 3              | 566                                       | 30,71                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing

# Low Voltage

## AL PVC Insulated Cables



### NAYY 0.6/1(1.2) kV

IEC 60502-1, SNI IEC 60502-1

Aluminium conductor, PVC insulated and PVC sheathed cable

#### DIMENSIONAL & MECHANICAL DATA

1 Core

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness |              | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|-------------------|--------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    | Insulation        | Outer sheath | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                |              | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 1.0               | 1.4          | 10               | 133        | 150                | 1000                     |
| 25                           | 7                              | rm | 1.2               | 1.4          | 12               | 187        | 180                | 1000                     |
| 35                           | 7                              | rm | 1.2               | 1.4          | 13               | 230        | 200                | 1000                     |
| 50                           | 19                             | rm | 1.4               | 1.4          | 15               | 291        | 240                | 1000                     |
| 70                           | 19                             | rm | 1.4               | 1.4          | 17               | 376        | 270                | 1000                     |
| 95                           | 19                             | rm | 1.6               | 1.5          | 18               | 504        | 320                | 1000                     |
| 120                          | 37                             | rm | 1.6               | 1.5          | 21               | 594        | 350                | 1000                     |
| 150                          | 37                             | rm | 1.8               | 1.6          | 23               | 726        | 390                | 1000                     |
| 185                          | 37                             | rm | 2.0               | 1.7          | 26               | 899        | 430                | 1000                     |
| 240                          | 61                             | rm | 2.2               | 1.8          | 29               | 1145       | 490                | 1000                     |
| 300                          | 61                             | rm | 2.4               | 1.9          | 32               | 1409       | 540                | 1000                     |
| 400                          | 61                             | rm | 2.6               | 2.0          | 36               | 1758       | 610                | 1000                     |
| 500                          | 61                             | rm | 2.8               | 2.1          | 39               | 2169       | 680                | 1000                     |



#### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C |           | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|------------------------------------|-----------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min | In AIR                             | In GROUND |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                  |           | kA                                            |
| 16                           | 1.911               | 5              | 80                                 | 85        | 1.28                                          |
| 25                           | 1.201               | 5              | 107                                | 110       | 1.98                                          |
| 35                           | 0.868               | 4              | 136                                | 131       | 2.75                                          |
| 50                           | 0.641               | 4              | 163                                | 156       | 3.91                                          |
| 70                           | 0.443               | 3              | 207                                | 191       | 5.45                                          |
| 95                           | 0.320               | 3              | 255                                | 230       | 7.37                                          |
| 120                          | 0.253               | 3              | 299                                | 262       | 9.29                                          |
| 150                          | 0.206               | 3              | 343                                | 298       | 11.59                                         |
| 185                          | 0.164               | 3              | 390                                | 333       | 14.27                                         |
| 240                          | 0.125               | 3              | 470                                | 383       | 18.48                                         |
| 300                          | 0.100               | 3              | 542                                | 440       | 23.06                                         |
| 400                          | 0.0778              | 3              | 657                                | 504       | 30.71                                         |
| 500                          | 0.0605              | 2              | 765                                | 582       | 38.34                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing

# Low Voltage

## AL PVC Insulated Cables



### NAYY 0.6/1(1.2) kV

SNI IEC 60502-1

Aluminium conductor, PVC insulated and PVC sheathed cable

#### DIMENSIONAL & MECHANICAL DATA

3 Cores

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness |              | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|-------------------|--------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    | Insulation        | Outer sheath | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                |              | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 1.0               | 1.8          | 22               | 580        | 200                | 1000                     |
| 25                           | 7                              | rm | 1.2               | 1.8          | 25               | 813        | 240                | 1000                     |
| 35                           | 7                              | rm | 1.2               | 1.8          | 28               | 996        | 260                | 1000                     |
| 50                           | 19                             | sm | 1.4               | 1.8          | 28               | 918        | 260                | 1000                     |
| 70                           | 19                             | sm | 1.4               | 2.0          | 31               | 1229       | 300                | 1000                     |
| 95                           | 19                             | sm | 1.6               | 2.1          | 36               | 1604       | 340                | 1000                     |
| 120                          | 19                             | sm | 1.6               | 2.2          | 39               | 1906       | 370                | 1000                     |
| 150                          | 37                             | sm | 1.8               | 2.3          | 42               | 2309       | 410                | 500                      |
| 185                          | 37                             | sm | 2.0               | 2.5          | 47               | 2839       | 450                | 500                      |
| 240                          | 61                             | sm | 2.2               | 2.7          | 52               | 3621       | 510                | 500                      |
| 300                          | 61                             | sm | 2.4               | 2.9          | 58               | 4411       | 560                | 500                      |

#### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C |           | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|------------------------------------|-----------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min | In AIR                             | In GROUND |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                  |           | kA                                            |
| 16                           | 1.911               | 5              | 64                                 | 71        | 1.28                                          |
| 25                           | 1.201               | 5              | 84                                 | 92        | 1.98                                          |
| 35                           | 0.868               | 4              | 104                                | 110       | 2.75                                          |
| 50                           | 0.641               | 4              | 127                                | 131       | 3.91                                          |
| 70                           | 0.443               | 3              | 159                                | 163       | 5.45                                          |
| 95                           | 0.320               | 3              | 195                                | 195       | 7.37                                          |
| 120                          | 0.253               | 3              | 227                                | 227       | 9.29                                          |
| 150                          | 0.206               | 3              | 259                                | 251       | 11.59                                         |
| 185                          | 0.164               | 3              | 295                                | 283       | 14.27                                         |
| 240                          | 0.125               | 3              | 347                                | 331       | 18.48                                         |
| 300                          | 0.100               | 3              | 399                                | 371       | 23.06                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing

# Low Voltage

## AL PVC Insulated Cables

### NAYY 0.6/1(1.2) kV

SNI IEC 60502-1

Aluminium conductor, PVC insulated and PVC sheathed cable



#### DIMENSIONAL & MECHANICAL DATA

4 Cores

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness |              | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|-------------------|--------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    | Insulation        | Outer sheath | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                |              | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 1.0               | 1.8          | 23               | 682        | 210                | 1000                     |
| 25                           | 7                              | rm | 1.2               | 1.8          | 28               | 963        | 250                | 1000                     |
| 35                           | 7                              | rm | 1.2               | 1.8          | 30               | 1186       | 280                | 1000                     |
| 50                           | 19                             | sm | 1.4               | 1.9          | 31               | 1253       | 290                | 1000                     |
| 70                           | 19                             | sm | 1.4               | 2.1          | 35               | 1630       | 340                | 1000                     |
| 95                           | 19                             | sm | 1.6               | 2.2          | 40               | 2140       | 390                | 500                      |
| 120                          | 19                             | sm | 1.6               | 2.4          | 44               | 2611       | 430                | 500                      |
| 150                          | 37                             | sm | 1.8               | 2.5          | 48               | 3100       | 460                | 500                      |
| 185                          | 37                             | sm | 2.0               | 2.7          | 54               | 3876       | 520                | 500                      |
| 240                          | 61                             | sm | 2.2               | 2.9          | 60               | 4865       | 580                | 500                      |
| 300                          | 61                             | sm | 2.4               | 3.1          | 66               | 5925       | 640                | 300                      |

#### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C |           | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|------------------------------------|-----------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min | In AIR                             | In GROUND |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                  |           | kA                                            |
| 16                           | 1.910               | 40             | 64                                 | 71        | 1.28                                          |
| 25                           | 1.200               | 40             | 84                                 | 92        | 1.98                                          |
| 35                           | 0.868               | 40             | 104                                | 110       | 2.75                                          |
| 50                           | 0.641               | 30             | 127                                | 131       | 3.91                                          |
| 70                           | 0.443               | 30             | 159                                | 163       | 5.45                                          |
| 95                           | 0.320               | 30             | 195                                | 195       | 7.37                                          |
| 120                          | 0.253               | 30             | 227                                | 227       | 9.29                                          |
| 150                          | 0.206               | 20             | 259                                | 251       | 11.59                                         |
| 185                          | 0.164               | 20             | 295                                | 283       | 14.27                                         |
| 240                          | 0.125               | 20             | 347                                | 331       | 18.48                                         |
| 300                          | 0.100               | 20             | 399                                | 371       | 23.06                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing

# Low Voltage

## AL PVC Insulated Cables



### NAYRY 0.6/1(1.2) kV

IEC 60502-1, SNI IEC 60502-1

Aluminium conductor, PVC insulated, Aluminium wire  
armoured and PVC sheathed cable

#### DIMENSIONAL & MECHANICAL DATA

1 Core

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness |              | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|-------------------|--------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    | Insulation        | Outer sheath | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                |              | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 1,0               | 1,8          | 15               | 281        | 140                | 1.000                    |
| 25                           | 7                              | rm | 1,2               | 1,8          | 17               | 355        | 160                | 1.000                    |
| 35                           | 7                              | rm | 1,2               | 1,8          | 18               | 411        | 170                | 1.000                    |
| 50                           | 19                             | rm | 1,2               | 1,8          | 14               | 247        | 130                | 1.000                    |
| 70                           | 19                             | rm | 1,4               | 1,8          | 16               | 330        | 150                | 1.000                    |
| 95                           | 19                             | rm | 1,4               | 1,8          | 18               | 433        | 170                | 1.000                    |
| 120                          | 37                             | rm | 1,4               | 1,8          | 20               | 524        | 180                | 1.000                    |
| 150                          | 37                             | rm | 1,6               | 1,8          | 22               | 642        | 200                | 1.000                    |
| 185                          | 37                             | rm | 1,8               | 1,8          | 24               | 786        | 220                | 1.000                    |
| 240                          | 61                             | rm | 2,1               | 1,8          | 27               | 1002       | 250                | 500                      |
| 300                          | 61                             | rm | 2,3               | 1,8          | 30               | 1232       | 270                | 500                      |
| 400                          | 61                             | rm | 2,5               | 1,8          | 33               | 1550       | 310                | 500                      |
| 500                          | 61                             | rm | 2,7               | 2,2          | 37               | 1925       | 340                | 500                      |

#### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C |           | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|------------------------------------|-----------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min | In AIR                             | In GROUND |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                  |           | kA                                            |
| 16                           | 1.91                | 5              | 79                                 | 84        | 1.28                                          |
| 25                           | 1.20                | 5              | 106                                | 109       | 1.98                                          |
| 35                           | 0.868               | 4              | 134                                | 130       | 2.75                                          |
| 50                           | 0.641               | 4              | 162                                | 154       | 3.91                                          |
| 70                           | 0.443               | 3              | 205                                | 189       | 5.45                                          |
| 95                           | 0.320               | 3              | 252                                | 228       | 7.37                                          |
| 120                          | 0.253               | 3              | 296                                | 259       | 9.29                                          |
| 150                          | 0.206               | 3              | 339                                | 295       | 11.59                                         |
| 185                          | 0.164               | 3              | 386                                | 330       | 14.27                                         |
| 240                          | 0.125               | 3              | 465                                | 379       | 18,48                                         |
| 300                          | 0.100               | 3              | 536                                | 435       | 23,06                                         |
| 400                          | 0.778               | 3              | 651                                | 498       | 30.71                                         |
| 500                          | 0.605               | 2              | 757                                | 576       | 38.34                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing

# Low Voltage

## AL PVC Insulated Cables



### NAYFGbY 0.6/1(1.2) kV

SNI IEC 60502-1

Aluminium conductor, PVC insulated, Galvanized flat steel wire armoured and PVC sheathed cable

#### DIMENSIONAL & MECHANICAL DATA

3 Cores

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness |              | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|-------------------|--------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    | Insulation        | Outer sheath | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                |              | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 1.0               | 1.8          | 24               | 980        | 210                | 1000                     |
| 25                           | 7                              | rm | 1.2               | 1.8          | 28               | 1297       | 250                | 1000                     |
| 35                           | 7                              | rm | 1.2               | 1.8          | 30               | 1510       | 280                | 1000                     |
| 50                           | 19                             | sm | 1.4               | 1.9          | 30               | 1447       | 270                | 1000                     |
| 70                           | 19                             | sm | 1.4               | 2.0          | 34               | 1828       | 310                | 1000                     |
| 95                           | 19                             | sm | 1.6               | 2.2          | 38               | 2281       | 360                | 1000                     |
| 120                          | 19                             | sm | 1.6               | 2.3          | 41               | 2640       | 390                | 1000                     |
| 150                          | 37                             | sm | 1.8               | 2.4          | 45               | 3128       | 420                | 500                      |
| 185                          | 37                             | sm | 2.0               | 2.6          | 49               | 3745       | 470                | 500                      |
| 240                          | 61                             | sm | 2.2               | 2.8          | 55               | 4616       | 530                | 500                      |
| 300                          | 61                             | sm | 2.4               | 2.9          | 60               | 5489       | 580                | 500                      |

#### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C |           | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|------------------------------------|-----------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min | In AIR                             | In GROUND |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                  |           | kA                                            |
| 16                           | 1.911               | 5              | 63                                 | 70        | 1.28                                          |
| 25                           | 1.201               | 5              | 83                                 | 91        | 1.98                                          |
| 35                           | 0.868               | 4              | 102                                | 109       | 2.75                                          |
| 50                           | 0.641               | 4              | 126                                | 130       | 3.91                                          |
| 70                           | 0.443               | 3              | 158                                | 162       | 5.45                                          |
| 95                           | 0.320               | 3              | 193                                | 193       | 7.37                                          |
| 120                          | 0.253               | 3              | 225                                | 225       | 9.29                                          |
| 150                          | 0.206               | 3              | 256                                | 248       | 11.59                                         |
| 185                          | 0.164               | 3              | 292                                | 280       | 14.27                                         |
| 240                          | 0.125               | 3              | 343                                | 327       | 18.48                                         |
| 300                          | 0.100               | 3              | 394                                | 367       | 23.06                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing

# Low Voltage

## AL PVC Insulated Cables

### NAYFGbY 0.6/1(1.2) kV

SNI IEC 60502-1

Aluminium conductor, PVC insulated, Galvanized flat steel wire armoured and PVC sheathed cable



#### DIMENSIONAL & MECHANICAL DATA

4 Cores

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness |              | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|-------------------|--------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    | Insulation        | Outer sheath | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                |              | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 1.0               | 1.8          | 26               | 1122       | 230                | 1000                     |
| 25                           | 7                              | rm | 1.2               | 1.8          | 30               | 1494       | 270                | 1000                     |
| 35                           | 7                              | rm | 1.2               | 1.9          | 33               | 1789       | 300                | 1000                     |
| 50                           | 19                             | sm | 1.4               | 2.0          | 34               | 1887       | 310                | 1000                     |
| 70                           | 19                             | sm | 1.4               | 2.1          | 38               | 2312       | 350                | 1000                     |
| 95                           | 19                             | sm | 1.6               | 2.3          | 43               | 2959       | 410                | 1000                     |
| 120                          | 19                             | sm | 1.6               | 2.4          | 47               | 3474       | 440                | 500                      |
| 150                          | 37                             | sm | 1.8               | 2.6          | 50               | 4074       | 480                | 500                      |
| 185                          | 37                             | sm | 2.0               | 2.7          | 56               | 4923       | 540                | 500                      |
| 240                          | 61                             | sm | 2.2               | 3.0          | 62               | 6060       | 600                | 500                      |
| 300                          | 61                             | sm | 2.4               | 3.2          | 68               | 7171       | 660                | 500                      |

#### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C |           | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|------------------------------------|-----------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min | In AIR                             | In GROUND |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                  |           | kA                                            |
| 16                           | 1.911               | 5              | 63                                 | 70        | 1.28                                          |
| 25                           | 1.201               | 5              | 83                                 | 91        | 1.98                                          |
| 35                           | 0.868               | 4              | 102                                | 109       | 2.75                                          |
| 50                           | 0.641               | 4              | 126                                | 130       | 3.91                                          |
| 70                           | 0.443               | 3              | 158                                | 162       | 5.45                                          |
| 95                           | 0.320               | 3              | 193                                | 193       | 7.37                                          |
| 120                          | 0.253               | 3              | 225                                | 225       | 9.29                                          |
| 150                          | 0.206               | 3              | 256                                | 248       | 11.59                                         |
| 185                          | 0.164               | 3              | 292                                | 280       | 14.27                                         |
| 240                          | 0.125               | 3              | 343                                | 327       | 18.48                                         |
| 300                          | 0.100               | 3              | 394                                | 367       | 23.06                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing

# Low Voltage

## AL XLPE Insulated Cables



### NA2XA 0.6/1(1.2) kV

IEC 60502-1

Aluminium conductor, XLPE insulated and PVC sheathed cable

#### DIMENSIONAL & MECHANICAL DATA

1 Core

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness Insulation | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|------------------------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    |                              | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                           | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 0,7                          | 6                | 58         | 40                 | 1.000                    |
| 25                           | 7                              | rm | 0,9                          | 8                | 92         | 50                 | 1.000                    |
| 35                           | 7                              | rm | 0,9                          | 9                | 122        | 60                 | 1.000                    |
| 50                           | 19                             | rm | 1,0                          | 11               | 160        | 70                 | 1.000                    |
| 70                           | 19                             | rm | 1,1                          | 13               | 228        | 80                 | 1.000                    |
| 95                           | 19                             | rm | 1,1                          | 15               | 307        | 90                 | 1.000                    |
| 120                          | 37                             | rm | 1,1                          | 16               | 383        | 100                | 1.000                    |
| 150                          | 37                             | rm | 1,4                          | 18               | 476        | 120                | 1.000                    |
| 185                          | 37                             | rm | 1,6                          | 21               | 597        | 130                | 1.000                    |
| 240                          | 61                             | rm | 1,7                          | 23               | 776        | 150                | 1.000                    |
| 300                          | 61                             | rm | 1,8                          | 26               | 961        | 160                | 1.000                    |
| 400                          | 61                             | rm | 2,0                          | 29               | 1219       | 180                | 1.000                    |
| 500                          | 61                             | rm | 2,2                          | 33               | 1549       | 200                | 1.000                    |

#### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C In AIR | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|-------------------------------------------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min |                                           |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                         | kA                                            |
| 16                           | 1,91                | 402            | 92                                        | 1,61                                          |
| 25                           | 1,20                | 409            | 121                                       | 2,49                                          |
| 35                           | 0,868               | 353            | 168                                       | 3,45                                          |
| 50                           | 0,641               | 334            | 204                                       | 4,89                                          |
| 70                           | 0,443               | 309            | 257                                       | 6,81                                          |
| 95                           | 0,3201              | 266            | 316                                       | 9,19                                          |
| 120                          | 0,2531              | 257            | 368                                       | 11,58                                         |
| 150                          | 0,2061              | 270            | 421                                       | 14,43                                         |
| 185                          | 0,1641              | 275            | 488                                       | 17,76                                         |
| 240                          | 0,1251              | 254            | 583                                       | 22,98                                         |
| 300                          | 0,1001              | 241            | 675                                       | 28,67                                         |
| 400                          | 0,0778              | 237            | 790                                       | 38,14                                         |
| 500                          | 0,0605              | 232            | 921                                       | 47,60                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing

# Low Voltage

## AL XLPE Insulated Cables



### NA2XY 0.6/1(1.2) kV

IEC 60502-1

Aluminium conductor, XLPE insulated and PVC sheathed cable

#### DIMENSIONAL & MECHANICAL DATA

1 Core

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness |              | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|-------------------|--------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    | Insulation        | Outer sheath | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                |              | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 0,7               | 1,4          | 9                | 112        | 60                 | 1.000                    |
| 25                           | 7                              | rm | 0,9               | 1,4          | 11               | 158        | 70                 | 1.000                    |
| 35                           | 7                              | rm | 0,9               | 1,4          | 12               | 197        | 80                 | 1.000                    |
| 50                           | 19                             | rm | 1,0               | 1,4          | 14               | 247        | 90                 | 1.000                    |
| 70                           | 19                             | rm | 1,1               | 1,4          | 16               | 330        | 100                | 1.000                    |
| 95                           | 19                             | rm | 1,1               | 1,5          | 18               | 433        | 110                | 1.000                    |
| 120                          | 37                             | rm | 1,2               | 1,5          | 20               | 524        | 120                | 1.000                    |
| 150                          | 37                             | rm | 1,4               | 1,6          | 22               | 642        | 140                | 1.000                    |
| 185                          | 37                             | rm | 1,6               | 1,6          | 24               | 786        | 150                | 1.000                    |
| 240                          | 61                             | rm | 1,7               | 1,7          | 27               | 1002       | 170                | 1.000                    |
| 300                          | 61                             | rm | 1,8               | 1,8          | 30               | 1232       | 180                | 1.000                    |
| 400                          | 61                             | rm | 2,0               | 1,9          | 33               | 1550       | 210                | 1.000                    |
| 500                          | 61                             | rm | 2,2               | 2,0          | 37               | 1925       | 230                | 1.000                    |

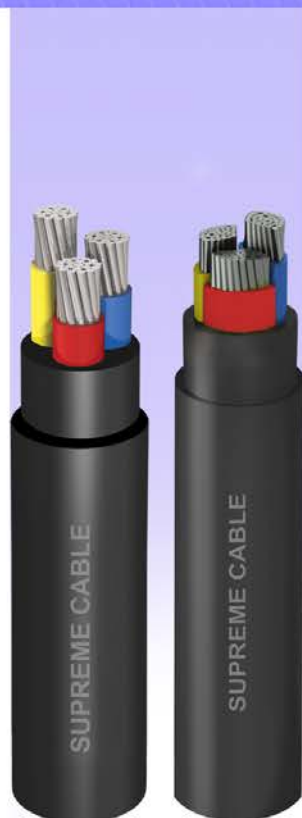
#### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C |           | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|------------------------------------|-----------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min | In AIR                             | In GROUND |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                  |           | kA                                            |
| 16                           | 1,91                | 402            | 84                                 | 91        | 1,61                                          |
| 25                           | 1,20                | 409            | 112                                | 117       | 2,49                                          |
| 35                           | 0,868               | 353            | 138                                | 140       | 3,45                                          |
| 50                           | 0,641               | 334            | 170                                | 166       | 4,89                                          |
| 70                           | 0,443               | 309            | 218                                | 203       | 6,81                                          |
| 95                           | 0,320               | 266            | 269                                | 242       | 9,19                                          |
| 120                          | 0,253               | 257            | 312                                | 275       | 11,58                                         |
| 150                          | 0,206               | 270            | 360                                | 310       | 14,43                                         |
| 185                          | 0,164               | 275            | 425                                | 350       | 17,76                                         |
| 240                          | 0,125               | 254            | 510                                | 406       | 22,98                                         |
| 300                          | 0,100               | 241            | 590                                | 458       | 28,67                                         |
| 400                          | 0,0778              | 237            | 710                                | 528       | 38,14                                         |
| 500                          | 0,0605              | 232            | 820                                | 599       | 47,60                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing

# Low Voltage

## AL XLPE Insulated Cables



### NA2XY 0.6/1(1.2) kV

IEC 60502-1

Aluminium conductor, XLPE insulated and PVC sheathed cable

#### DIMENSIONAL & MECHANICAL DATA

3 Core

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness |              | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|-------------------|--------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    | Insulation        | Outer sheath | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                |              | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 0.7               | 1.8          | 20               | 493        | 190                | 1000                     |
| 25                           | 7                              | rm | 0.9               | 1.8          | 24               | 698        | 220                | 1000                     |
| 35                           | 7                              | rm | 0.9               | 1.8          | 26               | 867        | 250                | 1000                     |
| 50                           | 19                             | sm | 1.0               | 1.8          | 25               | 781        | 240                | 1000                     |
| 70                           | 19                             | sm | 1.1               | 1.9          | 30               | 1073       | 280                | 1000                     |
| 95                           | 19                             | sm | 1.1               | 2.0          | 33               | 1371       | 320                | 1000                     |
| 120                          | 19                             | sm | 1.2               | 2.1          | 36               | 1673       | 350                | 1000                     |
| 150                          | 37                             | sm | 1.4               | 2.3          | 40               | 2060       | 390                | 1000                     |
| 185                          | 37                             | sm | 1.6               | 2.4          | 44               | 2522       | 430                | 1000                     |
| 240                          | 61                             | sm | 1.7               | 2.6          | 50               | 3217       | 490                | 500                      |
| 300                          | 61                             | sm | 1.8               | 2.8          | 54               | 3908       | 530                | 500                      |

#### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C |           | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|------------------------------------|-----------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min | In AIR                             | In GROUND |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                  |           | kA                                            |
| 16                           | 1.91                | 402            | 73                                 | 81        | 1.61                                          |
| 25                           | 1.200               | 409            | 96                                 | 106       | 2.49                                          |
| 35                           | 0.868               | 353            | 119                                | 126       | 3.45                                          |
| 50                           | 0.641               | 334            | 147                                | 151       | 4.89                                          |
| 70                           | 0.443               | 309            | 183                                | 187       | 6.81                                          |
| 95                           | 0.320               | 266            | 224                                | 224       | 9.19                                          |
| 120                          | 0.253               | 257            | 261                                | 261       | 11.58                                         |
| 150                          | 0.206               | 270            | 297                                | 289       | 14.43                                         |
| 185                          | 0.164               | 275            | 339                                | 324       | 17.76                                         |
| 240                          | 0.125               | 254            | 398                                | 379       | 22.98                                         |
| 300                          | 0.100               | 241            | 426                                | 426       | 28.67                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing

# Low Voltage

## AL XLPE Insulated Cables



### NA2XY 0.6/1(1.2) kV

IEC 60502-1

Aluminium conductor, XLPE insulated and PVC sheathed cable

#### DIMENSIONAL & MECHANICAL DATA

4 Core

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness |              | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|-------------------|--------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    | Insulation        | Outer sheath | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                |              | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 0,7               | 1,8          | 22               | 574        | 200                | 1000                     |
| 25                           | 7                              | rm | 0,9               | 1,8          | 26               | 820        | 240                | 1000                     |
| 35                           | 7                              | rm | 0,9               | 1,8          | 29               | 1024       | 270                | 1000                     |
| 50                           | 19                             | sm | 1,0               | 1,9          | 29               | 1018       | 270                | 1000                     |
| 70                           | 19                             | sm | 1,1               | 2,0          | 33               | 1400       | 320                | 1000                     |
| 95                           | 19                             | sm | 1,1               | 2,1          | 37               | 1796       | 360                | 1000                     |
| 120                          | 19                             | sm | 1,2               | 2,3          | 42               | 2259       | 410                | 1000                     |
| 150                          | 37                             | sm | 1,4               | 2,4          | 45               | 2698       | 440                | 1000                     |
| 185                          | 37                             | sm | 1,6               | 2,6          | 51               | 3341       | 500                | 500                      |
| 240                          | 61                             | sm | 1,7               | 2,8          | 56               | 4254       | 560                | 500                      |
| 300                          | 61                             | sm | 1,8               | 3,0          | 62               | 5168       | 610                | 500                      |

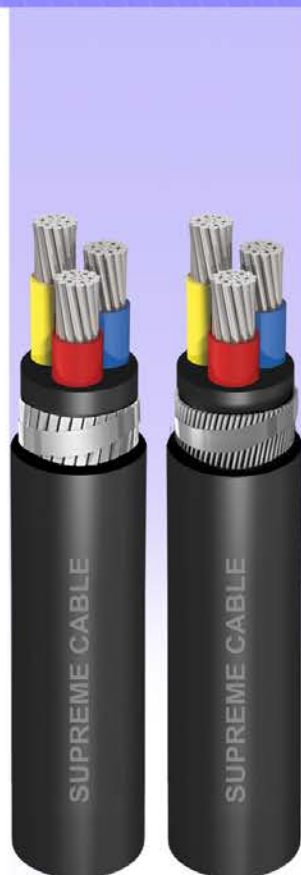
#### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C |           | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|------------------------------------|-----------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min | In AIR                             | In GROUND |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                  |           | kA                                            |
| 16                           | 1,91                | 402            | 73                                 | 81        | 1,61                                          |
| 25                           | 1,201               | 409            | 96                                 | 106       | 2,49                                          |
| 35                           | 0,868               | 353            | 119                                | 126       | 3,45                                          |
| 50                           | 0,641               | 334            | 147                                | 151       | 4,89                                          |
| 70                           | 0,443               | 309            | 183                                | 187       | 6,81                                          |
| 95                           | 0,320               | 266            | 224                                | 224       | 9,19                                          |
| 120                          | 0,253               | 257            | 261                                | 261       | 11,58                                         |
| 150                          | 0,206               | 270            | 297                                | 289       | 14,43                                         |
| 185                          | 0,164               | 275            | 339                                | 324       | 17,76                                         |
| 240                          | 0,125               | 254            | 398                                | 379       | 22,98                                         |
| 300                          | 0,100               | 241            | 426                                | 426       | 28,67                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing

# Low Voltage

## AL XLPE Insulated Cables



### NA2XFGbY 0.6/1(1.2) kV

IEC 60502-1

Aluminium conductor, XLPE insulated, Galvanized flat steel wire armoured and PVC sheathed cable

#### DIMENSIONAL & MECHANICAL DATA

3 Core

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness |                         |              | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|-------------------|-------------------------|--------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    | Insulation        | Galv. Steel wire armour | Outer sheath | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                |                         |              | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 0.7               | 0.8                     | 1.8          | 23               | 902        | 280                | 1000                     |
| 25                           | 7                              | rm | 0.9               | 0.8                     | 1.8          | 27               | 1176       | 330                | 1000                     |
| 35                           | 7                              | rm | 0.9               | 0.8                     | 1.8          | 29               | 1407       | 350                | 1000                     |
| 50                           | 19                             | sm | 1.0               | 0.8                     | 1.8          | 30               | 1317       | 360                | 1000                     |
| 70                           | 19                             | sm | 1.1               | 0.8                     | 2.0          | 33               | 1695       | 400                | 1000                     |
| 95                           | 19                             | sm | 1.1               | 0.8                     | 2.1          | 36               | 2087       | 440                | 1000                     |
| 120                          | 19                             | sm | 1.2               | 0.8                     | 2.2          | 40               | 2457       | 480                | 1000                     |
| 150                          | 37                             | sm | 1.4               | 0.8                     | 2.3          | 43               | 2895       | 520                | 500                      |
| 185                          | 37                             | sm | 1.6               | 0.8                     | 2.5          | 48               | 3476       | 580                | 500                      |
| 240                          | 61                             | sm | 1.7               | 0.8                     | 2.7          | 53               | 4300       | 750                | 500                      |
| 300                          | 61                             | sm | 1.8               | 0.8                     | 2.8          | 58               | 5020       | 820                | 500                      |

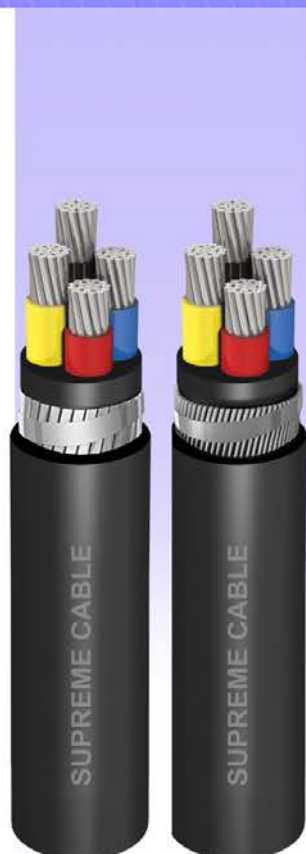
#### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C |           | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|------------------------------------|-----------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min | In AIR                             | In GROUND |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                  |           | kA                                            |
| 16                           | 1.91                | 402            | 73                                 | 80        | 1.61                                          |
| 25                           | 1.20                | 409            | 95                                 | 105       | 2.49                                          |
| 35                           | 0.868               | 353            | 118                                | 124       | 3.45                                          |
| 50                           | 0.641               | 334            | 145                                | 149       | 4.89                                          |
| 70                           | 0.443               | 309            | 182                                | 186       | 6.81                                          |
| 95                           | 0.320               | 266            | 222                                | 222       | 9.19                                          |
| 120                          | 0.253               | 257            | 258                                | 258       | 11.58                                         |
| 150                          | 0.206               | 270            | 292                                | 285       | 14.43                                         |
| 185                          | 0.164               | 275            | 336                                | 321       | 17.76                                         |
| 240                          | 0.125               | 254            | 394                                | 375       | 22.98                                         |
| 300                          | 0.100               | 241            | 453                                | 422       | 28.67                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing

# Low Voltage

AL XLPE Insulated Cables



## NA2XFGbY 0.6/1(1.2) kV

IEC 60502-1

Aluminium conductor, XLPE insulated, Galvanized flat steel wire armoured and PVC sheathed cable

### DIMENSIONAL & MECHANICAL DATA

4 Cores

| Nominal cross-sectional area | No of wire and conductor shape |    | Nominal Thickness |                         |              | Approximately    |            | Bending radius min | Standard delivery length |
|------------------------------|--------------------------------|----|-------------------|-------------------------|--------------|------------------|------------|--------------------|--------------------------|
|                              |                                |    | Insulation        | Galv. Steel wire armour | Outer sheath | Overall diameter | Net Weight |                    |                          |
| mm <sup>2</sup>              | pcs                            | -  | mm                |                         |              | mm               | Kg/km      | mm                 | m                        |
| 16                           | 7                              | rm | 0,7               | 0,8                     | 1,8          | 25               | 1017       | 300                | 1000                     |
| 25                           | 7                              | rm | 0,9               | 0,8                     | 1,8          | 29               | 1359       | 350                | 1000                     |
| 35                           | 7                              | rm | 0,9               | 0,8                     | 1,8          | 31               | 1627       | 380                | 1000                     |
| 50                           | 19                             | sm | 1,0               | 0,8                     | 1,9          | 32               | 1621       | 390                | 1000                     |
| 70                           | 19                             | sm | 1,1               | 0,8                     | 2,1          | 38               | 2119       | 460                | 1000                     |
| 95                           | 19                             | sm | 1,1               | 0,8                     | 2,2          | 41               | 2611       | 500                | 1000                     |
| 120                          | 19                             | sm | 1,2               | 0,8                     | 2,3          | 45               | 3127       | 540                | 500                      |
| 150                          | 37                             | sm | 1,4               | 0,8                     | 2,4          | 49               | 3683       | 590                | 500                      |
| 185                          | 37                             | sm | 1,6               | 0,8                     | 2,7          | 54               | 4430       | 650                | 500                      |
| 240                          | 61                             | sm | 1,7               | 0,8                     | 2,9          | 60               | 5475       | 840                | 500                      |
| 300                          | 61                             | sm | 1,8               | 0,8                     | 3,1          | 66               | 6469       | 930                | 500                      |

### ELECTRICAL DATA

| Nominal cross-sectional area | Resistance at 20 °C |                | Current Carrying Capacity at 30 °C |           | Short circuit current of conductor at 1.0 sec |
|------------------------------|---------------------|----------------|------------------------------------|-----------|-----------------------------------------------|
|                              | DC conductor max    | Insulation min | In AIR                             | In GROUND |                                               |
| mm <sup>2</sup>              | Ω/Km                | M.Ω.Km         | A                                  |           | kA                                            |
| 16                           | 1,91                | 402            | 73                                 | 80        | 1,61                                          |
| 25                           | 1,20                | 409            | 95                                 | 105       | 2,49                                          |
| 35                           | 0,868               | 353            | 118                                | 124       | 3,45                                          |
| 50                           | 0,641               | 334            | 145                                | 149       | 4,89                                          |
| 70                           | 0,443               | 309            | 182                                | 186       | 6,81                                          |
| 95                           | 0,320               | 266            | 222                                | 222       | 9,19                                          |
| 120                          | 0,253               | 257            | 258                                | 258       | 11,58                                         |
| 150                          | 0,206               | 270            | 292                                | 285       | 14,43                                         |
| 185                          | 0,164               | 275            | 336                                | 321       | 17,76                                         |
| 240                          | 0,125               | 254            | 394                                | 375       | 22,98                                         |
| 300                          | 0,100               | 241            | 453                                | 422       | 28,67                                         |

Note: This is only general information. For other spec. requirement, please contact our marketing