



## CONSTRUCTION

- 1 Copper conductor (class 1-2)
- 2 XLPE insulation
- 3 PVC filler
- 4 PVC outer sheath



## SPECIFICATIONS

Code : N2XY  
 Standards : VDE 0276 - 603  
 Rated Voltage :  $U_0/U=0.6/1$  kV

Application :  
 Used as control cables in energy panels of power centres and industrial buildings etc. internally, externally or underground where there is no mechanical stress.



Temperature Range



Max. Operating Temperature



Short Circuit Temperature



Flame Retardant  
IEC 60332 -1-2



Min. Bending Radius



RoHS

## PHYSICAL AND ELECTRICAL PROPERTIES

| Nominal cross-section | Overall diameter (approx.) | Net weight (approx.) | Delivery drum type for 1000 m. cable | Conductor DC resistance at 20°C | Current carrying capacity in (30°C) |     |
|-----------------------|----------------------------|----------------------|--------------------------------------|---------------------------------|-------------------------------------|-----|
|                       |                            |                      |                                      |                                 | Earth                               | Air |
| mm <sup>2</sup>       | mm                         | kg/km                | cm                                   | $\Omega / \text{km}$ (max.)     | A                                   | A   |
| 7x1.5 re              | 13                         | 260                  | 80                                   | 12.1                            | 31                                  | 24  |
| 10x1.5 re             | 15                         | 385                  | 90                                   | 12.1                            | 31                                  | 24  |
| 12x1.5 re             | 16                         | 435                  | 100                                  | 12.1                            | 31                                  | 24  |
| 14x1.5 re             | 17                         | 470                  | 100                                  | 12.1                            | 31                                  | 24  |
| 19x1.5 re             | 18                         | 590                  | 110                                  | 12.1                            | 31                                  | 24  |
| 21x1.5 re             | 19                         | 660                  | 110                                  | 12.1                            | 31                                  | 24  |
| 24x1.5 re             | 21                         | 785                  | 120                                  | 12.1                            | 31                                  | 24  |
| 30x1.5 re             | 22                         | 920                  | 120                                  | 12.1                            | 31                                  | 24  |
| 40x1.5 re             | 25                         | 1180                 | 140                                  | 12.1                            | 31                                  | 24  |
| 7x2.5 re              | 14                         | 350                  | 90                                   | 7.41                            | 40                                  | 32  |
| 10x2.5 re             | 17                         | 525                  | 100                                  | 7.41                            | 40                                  | 32  |
| 12x2.5 re             | 18                         | 590                  | 110                                  | 7.41                            | 40                                  | 32  |
| 14x2.5 re             | 20                         | 650                  | 120                                  | 7.41                            | 40                                  | 32  |
| 19x2.5 re             | 21                         | 820                  | 120                                  | 7.41                            | 40                                  | 32  |
| 21x2.5 re             | 22                         | 910                  | 120                                  | 7.41                            | 40                                  | 32  |
| 24x2.5 re             | 24                         | 1100                 | 130                                  | 7.41                            | 40                                  | 32  |
| 30x2.5 re             | 25                         | 1280                 | 140                                  | 7.41                            | 40                                  | 32  |
| 40x2.5 re             | 28                         | 1650                 | 150                                  | 7.41                            | 40                                  | 32  |