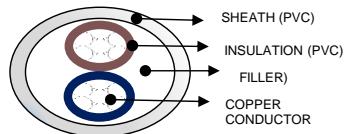




| |
|---|
| NVV / NYM / PP |
| Multi Core / Copper Conductor / PVC insulated / Filler / PVC Sheath |
| Installation Cables |
| Rated Voltage: Uo/U; 300 / 500 V |
| Standard: TS HD 21.4 S2 / HD 21.4 S2 / VDE 0250/204 |

INTEKAR GLOBAL Corporation



| Technical Data | | Cable Structure | |
|---------------------------------|-------------------|---------------------------------------|----------------|
| Core temperature, max. | 70°C in Operation | Conductor | DIN VDE 0295 |
| Max. Short Circuit Temperature | 160°C / 5 sec. | Insulation | DIN VDE 0207/4 |
| Rated Voltage | 300 / 500 V | Color of Insulation: | |
| Max. Permissible Tensile | - | 2x - Brown, Blue | |
| Rated current carrying capacity | - | 3x - Brown, Blue, Yellow/Green | |
| | | 4x - Brown, Black, Blue, Yellow/Green | |
| | | Filler | PVC |
| | | Sheath | PVC |
| | | Color of Sheath | Grey |

Application

Cable for industrial and home installations. NYM is a cable that consists of more than one copper core and is with PVC insulation. It is safe in dry place for indoors or outdoors and is not recommended to plant underground. Nominal voltage 300/500 V.

RE – solid round shaped conductor

RM – multiwire round shaped conductor

| DIMENSIONS AND WEIGHTS | | | ELECTRICAL PROPERTIES | | | |
|---|-----------------|---|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
| Number of cores x Nominal Cross Section | Conductor Shape | Outer Diameter of Cable (Approximately) | Weight of Cable (Approximately) | Length of Cable (Approximately) | Conductor DC Resistance at 20 °C | Rated current carrying capacity |
| No x mm ² | - | mm | kg/km | m | ohm/km | A |
| 2x1,5 | RE | 8,7 | 121 | 100 | 121 | 18 |
| 2x2,5 | RE | 9,9 | 164 | 100 | 741 | 26 |
| 2x4 | RE | 10,8 | 212 | 100 | 461 | 34 |
| 2x6 | RE | 11,8 | 271 | 100 | 308 | 44 |
| 2x10 | RM | 15,9 | 470 | 1000 | 183 | 61 |
| 2x16 | RM | 17,9 | 648 | 1000 | 115 | 82 |
| 2x25 | RM | 21,5 | 974 | 1000 | 0.727 | 108 |
| 2x35 | RM | 24,1 | 1278 | 1000 | 0.524 | 135 |
| 3x1,5 | RE | 9,2 | 139 | 100 | 121 | 18 |
| 3x2,5 | RE | 10,4 | 191 | 100 | 741 | 26 |
| 3x4 | RE | 11,5 | 252 | 100 | 461 | 34 |
| 3x6 | RE | 12,9 | 340 | 100 | 308 | 44 |
| 3x10 | RM | 16,8 | 560 | 1000 | 183 | 61 |
| 3x16 | RM | 19,4 | 810 | 1000 | 115 | 82 |
| 3x25 | RM | 23,3 | 1200 | 1000 | 0.727 | 108 |
| 3x35 | RM | 25,7 | 1580 | 1000 | 0.524 | 135 |
| 4x1,5 | RE | 9,9 | 167 | 100 | 121 | 18 |
| 4x2,5 | RE | 11,3 | 230 | 100 | 741 | 26 |
| 4x4 | RE | 12,9 | 320 | 100 | 461 | 34 |
| 4x6 | RE | 14,5 | 435 | 100 | 308 | 44 |
| 4x10 | RM | 18,4 | 700 | 1000 | 183 | 61 |
| 4x16 | RM | 21,2 | 1000 | 1000 | 115 | 82 |
| 4x25 | RM | 25,9 | 1550 | 1000 | 0.727 | 108 |
| 4x35 | RM | 28,1 | 1990 | 1000 | 0.524 | 135 |
| 5x1,5 | RE | 10,7 | 195 | 100 | 12,1 | 14 |
| 5x2,5 | RE | 12,3 | 270 | 100 | 7,41 | 20 |
| 5x4 | RE | 14,3 | 400 | 100 | 4,61 | 26 |
| 5x6 | RE | 15,7 | 520 | 100 | 308 | 33 |
| 5x10 | RM | 20,4 | 870 | 1000 | 183 | 46 |
| 5x16 | RM | 24,0 | 1270 | 1000 | 115 | 62 |
| 5x25 | RM | 28,3 | 1880 | 1000 | 0,727 | 81 |
| 5x35 | RM | 31,2 | 2450 | 1000 | 0,524 | 101 |