

Cu/PVC/PVC 70°C



TECHNICAL FEATURES

| | |
|-----------------------------|--|
| Operating temperature | -15 °C ÷ +70 °C / laying temp. -5 °C ÷ +70 °C |
| Rated voltage | 300/500 V |
| Testing Voltage | 2,0 kV |
| Current carrying capacity | Acc. to DIN VDE 0295 resp. IEC 60228 |
| Conductor material | Bare copper |
| Conductor Class | Class 5 DIN VDE 0295 resp. IEC 60228 |
| Core insulation | Thermoplastic material based PVC (quality T12) |
| Core identification | Acc. to CEI UNEL 00722 / HD 308 / VDE-0293 |
| Outer Sheath material | Thermoplastic material based PVC (quality TM2) |
| Colour outer sheath | White, black, other colours on request |
| Printing | To be defined |
| Max. temp. of short circuit | 150 °C (max. 5 sec) |
| Min. bending radius | Fixed 3 x cable Ø / mobile use 5 x cable Ø |

APPLICATION

Flexible multi-core cables. For installations in local households, shops and offices and for connecting portable electrical equipment (Office machines, table lamps, hairdryers, radio etc.). For working temperatures within the values indicated.

SPECIAL FEATURES

CEI 20-35 / EN 60332-1 Flame retardant
CEI 20-20/5 / 20-35 (EN 60332-1) / 20-52
CENELEC HD 21.5

REMARKS

Conform to RoHS
CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC

| Section | Nom. O.D. | Copper weight | Approx. Cable weight |
|-----------------|-----------|---------------|----------------------|
| mm ² | mm | kg/km | kg/km |
| 2 x 0,75 | 7,2 | 14,4 | 53 |
| 2 x 1,00 | 7,3 | 19,2 | 61 |
| 2 x 1,50 | 7,83 | 28,8 | 81 |
| 2 x 2,50 | 9,5 | 48 | 125 |
| 2 x 4,00 | 12,1 | 76,8 | 173 |
| 3 G 0,75 | 7,6 | 21,6 | 63 |
| 3 G 1,00 | 7,6 | 28,8 | 73 |
| 3 G 1,50 | 8,55 | 43,2 | 100 |
| 3 G 2,50 | 9,58 | 72 | 157 |
| 3 G 4,00 | 11,66 | 115,2 | 216 |
| 4 G 0,75 | 8,3 | 28,8 | 76 |
| 4 G 1,00 | 9 | 38,4 | 91 |
| 4 G 1,50 | 9,65 | 57,6 | 127 |
| 4 G 2,50 | 11,58 | 96 | 191 |
| 4 G 4,00 | 12,99 | 153,6 | 265 |
| 5 G 0,75 | 9,3 | 36 | 96 |
| 5 G 1,00 | 9,8 | 48 | 110 |
| 5 G 1,50 | 10,75 | 72 | 160 |
| 5 G 2,50 | 12,78 | 120 | 238 |
| 5 G 4,00 | 14,89 | 192 | 340 |