

Auto Cable FLR9Y-C T3 300V

ISO 6722-1

Extra flexible



Conductor

Formed of electrolytic bare copper wire, soft temper, class C stranding, according to ISO 6722-1.

Insulation

TPV 125 °C - Flame retardant pre-vulcanized thermoplastic elastomeric compound, class C (T3), according to ISO 6722-1.

Identification

Red, Black and Brown.
Colors combined with longitudinal stripes.

Maximum temperatures at the conductor

- 40 °C to 125 °C in continuous service..

Implementation

Employed in electrical harnesses of motor vehicles, agricultural machinery and implements.

Applicable Standards

ISO 6722-1 - Road vehicles - 60V and 600V single-core cables - Part 1: Dimensions, test methods and requirements for copper conductor cables.

Construction Data*

| Nominal crosssection (mm ²) | Minimum Number of Wires | Maximum Wire Diameter (mm) | Conductor Diameter (mm) | Maximum Electrical Resistance (Ω/km) | Thickness Insulation | | Outer Diameter | | Approx mass (kg/km) | Standard Packaging (m) |
|---|-------------------------|----------------------------|-------------------------|--------------------------------------|----------------------|--------------|----------------|--------------|---------------------|------------------------|
| | | | | | Minimum (mm) | Nominal (mm) | Minimum (mm) | Maximum (mm) | | |
| 8,00 | 240 | 0,21 | 3,6 | 2,38 | 0,32 | 0,40 | 4,30 | 4,70 | 72,3 | 1500 |
| 10,00 | 320 | 0,21 | 4,1 | 1,82 | 0,48 | 0,60 | 5,20 | 5,60 | 97,1 | 1000 |
| 12,00 | 380 | 0,21 | 4,5 | 1,52 | 0,48 | 0,60 | 5,60 | 6,00 | 115,3 | 1000 |
| 16,00 | 512 | 0,21 | 5,1 | 1,16 | 0,52 | 0,65 | 6,40 | 6,80 | 151,7 | 750 |
| 20,00 | 610 | 0,21 | 5,6 | 0,955 | 0,52 | 0,65 | 6,90 | 7,30 | 180,7 | 600 |
| 25,00 | 790 | 0,21 | 6,4 | 0,743 | 0,52 | 0,65 | 7,60 | 8,00 | 228,7 | 500 |
| 30,00 | 900 | 0,21 | 6,8 | 0,647 | 0,64 | 0,80 | 8,40 | 8,80 | 265,6 | 500 |
| 35,00 | 1070 | 0,21 | 7,6 | 0,527 | 0,64 | 0,80 | 9,10 | 9,50 | 324,1 | 500 |
| 40,00 | 1200 | 0,21 | 8,0 | 0,473 | 0,71 | 0,90 | 9,80 | 10,20 | 365,6 | 500 |
| 50,00 | 1600 | 0,21 | 9,1 | 0,368 | 0,71 | 0,90 | 10,80 | 11,30 | 467,8 | 500 |
| 60,00 | 1200 | 0,26 | 9,8 | 0,315 | 0,80 | 1,00 | 11,80 | 12,30 | 553,1 | 500 |
| 70,00 | 1427 | 0,26 | 10,8 | 0,259 | 0,80 | 1,00 | 12,70 | 13,20 | 667,9 | 500 |

*Data subject to change without prior notice