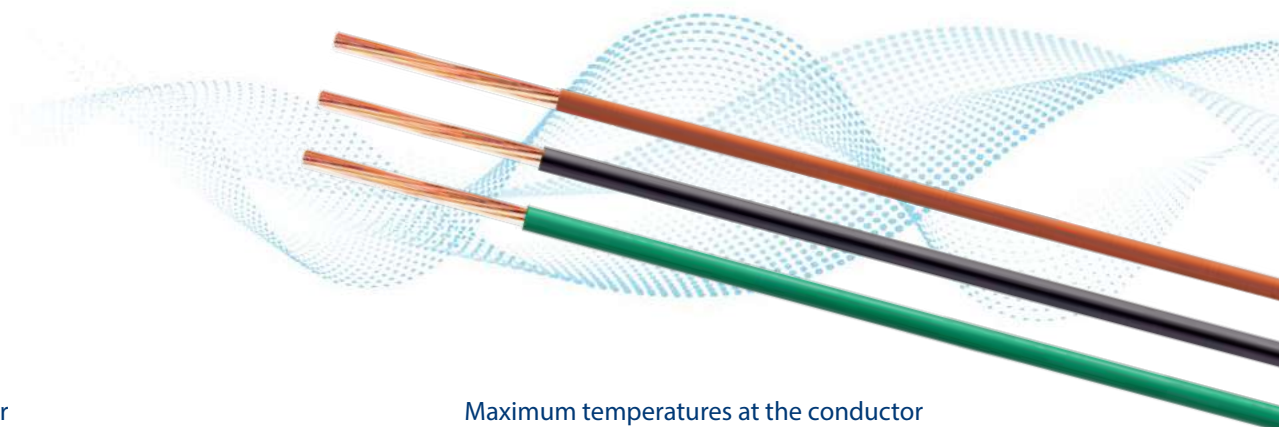


# Auto Cable FL9Y-B T3 300V

ISO 6722-1



## Flexible Conductor

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

## Insulation

PP 125 °C - Flame retardant polypropylene thermoplastic compound, class C (T3), according to ISO 6722-1.

## Identification

White, Yellow, Blue, Dark Blue, Green, Red, Black, Brown, Gray, Violet, Pink, Orange, Beige and Dark Green.

Note: Cables can be manufactured with two color combinations, through longitudinal stripes, where the main color represents at least 70%.

## 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 Section (mm²) | 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) |                     |                        |
| 0,50                  | 16                      | 0,21                       | 0,9                     | 37,1                                 | 0,48                 | 0,60         | 2,00           | 2,30         | 7,7                 | 1400                   |
| 0,75                  | 24                      | 0,21                       | 1,1                     | 24,7                                 | 0,48                 | 0,60         | 2,20           | 2,50         | 10,2                | 1200                   |
| 1,00                  | 32                      | 0,21                       | 1,3                     | 18,5                                 | 0,48                 | 0,60         | 2,40           | 2,70         | 12,7                | 1000                   |
| 1,25                  | 16                      | 0,33                       | 1,4                     | 14,9                                 | 0,48                 | 0,60         | 2,55           | 2,85         | 15,5                | 900                    |
| 1,50                  | 30                      | 0,26                       | 1,5                     | 12,7                                 | 0,48                 | 0,60         | 2,70           | 3,00         | 17,3                | 800                    |
| 2,00                  | 28                      | 0,31                       | 1,8                     | 9,42                                 | 0,48                 | 0,60         | 2,90           | 3,20         | 22,2                | 700                    |
| 2,50                  | 50                      | 0,26                       | 2,0                     | 7,60                                 | 0,56                 | 0,70         | 3,30           | 3,60         | 27,8                | 500                    |
| 3,00                  | 44                      | 0,31                       | 2,2                     | 6,15                                 | 0,56                 | 0,70         | 3,55           | 3,85         | 33,6                | 500                    |
| 4,00                  | 56                      | 0,31                       | 2,5                     | 4,70                                 | 0,64                 | 0,80         | 4,00           | 4,30         | 43,6                | 350                    |
| 5,00                  | 65                      | 0,33                       | 2,7                     | 3,94                                 | 0,64                 | 0,80         | 4,20           | 4,50         | 50,2                | 350                    |
| 6,00                  | 84                      | 0,31                       | 3,1                     | 3,14                                 | 0,64                 | 0,80         | 4,60           | 4,90         | 62,0                | 300                    |
| 8,00                  | 50                      | 0,46                       | 3,5                     | 2,38                                 | 0,64                 | 0,80         | 5,00           | 5,40         | 79,6                | 1000                   |

\*Data subject to change without prior notice