

# Auto Cable FLR9Y-A T3 300V

ISO 6722-1

## Conductor

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

## Insulation

PP 125 °C - Flame retardant thermoplastic polypropylene 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, machinery and agricultural 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 (mm <sup>2</sup> )	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)		
0,35	7	0,27	0,8	54,4	0,20	0,25	1,20	1,30	4,1	4000
0,50	7	0,32	0,9	37,1	0,22	0,28	1,40	1,60	5,7	3000
0,75	19	0,24	1,1	24,7	0,24	0,30	1,70	1,90	8,1	2000
1,00	19	0,27	1,3	18,5	0,24	0,30	1,90	2,10	10,8	1500
1,25	19	0,30	1,4	14,9	0,24	0,30	2,10	2,30	13,0	1400
1,50	19	0,33	1,5	12,7	0,24	0,30	2,20	2,40	14,9	1300
2,00	19	0,38	1,8	9,42	0,28	0,35	2,50	2,70	19,9	1000
2,50	37	0,28	2,0	7,60	0,28	0,35	2,70	3,00	23,9	800
3,00	37	0,34	2,2	6,15	0,32	0,40	3,10	3,40	30,1	700

\*Data subject to change without prior notice