

AV-V

A: Low-voltage cables for automobile V: Polyvinyl Chloride V: Vibration

Application

Cable used in low voltage circuits in automobiles (Battery Cable)

Standards/Specification

ES SPEC



Construction

- ① Conductor: Annealed stranded copper
- ② Insulation: Polyvinyl Chloride

Product Features

Temperature range: -40°C to + 80°C

Rated voltage up to 60 V

Technical Data

Nominal Size (mm ²)	Conductors			Insulation Thickness (mm)	Overall Diameter		Conductors Resistance (Ω/km)	Approx Weight (kg/km)
	Construction (No./mm)	calculated area (mm ²)	Outer Diameter (mm)		Standard (mm)	Max (mm)		
5	63/0.32	5.066	3.1	0.8	4.7	5.0	3.58	6.5
8	105/0.32	8.444	4.1	1.0	6.1	6.4	2.14	6.0
10	114/0.32	9.168	4.2	1.0	6.2	6.5	1.96	8.5
15	171/0.32	13.75	5.3	1.0	7.3	7.8	1.32	8.0
20	247/0.32	19.86	6.3	1.0	8.3	8.8	0.915	11.0
30	361/0.32	29.03	7.8	1.0	9.8	10.3	0.625	12.0
50	608/0.32	48.89	10.1	1.0	12.1	12.8	0.371	16.5
60	741/0.32	59.59	11.1	1.4	13.9	14.6	0.304	16.0
85	1064/0.32	85.57	13.1	1.4	15.9	16.6	0.212	24.5
100	1369/0.32	110.10	15.1	1.4	17.9	18.6	0.165	23.5