

10 AWG Automobile Electrical Wiring

450/750 Volts. Rated for -0°C to 70°C.Sizes:10 AWG
Good Quality,Pure Copper,Flexible
PVC Insulation



1.Standard

GB 5023.11997 , JB 8734.15-1998, GB 5023.17-1997, IEC227

2 Voltages U0/U:

450/750V 300/500V 300/300V

Max. permissible continuous operating temperature of the conductor: 70°C

The ambient temperature under installation should not below 0.

Impedance (ohms): 100±2ohm

3 Application

The products is suitable for use in power installations, fixed wiring or flexible connections for electrical appliances like lighting, electronic equipment, instrument and communication equipment with rated voltage 450/750V or less

4 Specification and Technical Date

Nominal sectional area mm ²	Conductor No/Dia. mm	Nominal Insulated thick mm	Max overall Dia. mm	Condcutor Resistance at 20	Min insulated resistance at 70MΩ/km	Weight Kg/km
2.5	9/0.41	0.8	4.2	7.41	0.011	33.0
4	19/0.52	0.8	4.8	4.61	0.009	48.0

6	19/0.64	0.8	5.6	3.08	0.0084	68.0
10	49/0.52	1.0	7.6	1.83	0.0072	115.0
16	49/0.64	1.0	8.8	1.15	0.0062	176.0
25	98/0.58	1.2	11.0	0.727	0.0058	272.0
35	133/0.58	1.2	12.5	0.524	0.0052	384.0
50	133/0.68	1.4	16.5	0.387	0.0051	510.0
70	189/0.68	1.4	16.5	0.268	0.0045	714.0
95	259/0.68	1.6	19.5	0.139	0.0035	965.0
120	259/0.76	1.8	22.0	0.153	0.0032	1210.0
150	259/0.85	1.8	25.0	0.124	0.0032	

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