

PVC Insulated material

SAE HDT/SGT Automobile Wire

Used to low tension primary wire of electric system for automobile within.

Description:

Conductor material of Tinned or Bare copper

Operating temperature -40 °C~90 °C

Rated Voltage 50 V (Spark voltage 2500 V)

RoHS Compliant

Reference standard SAE J 1128 Revised DEC2005

Specification:

Gauge (AWG)	Number of Strands	Gauge of Strands (AWG)	Nom. Dia. of Stranded Conductor		Nom. Fin. Wire Diam.		Max. Resistance (dc at 20°C) Ohm/per		Nom. Wt.	
			Inch	mm	Inch	mm	1000-ft	Km	LBS./1000 ft.	Kg/Km
2/0*	127	20	.4165	10.58	.5465	13.88	0.0814	0.267	462.36	686.20
0*	127	21	.3709	9.42	.5008	12.72	0.1026	0.3367	373.69	554.63
1*	127	22	.3295	8.37	.4594	11.67	0.1300	0.4268	301.38	447.28
2*	127	23	.2941	7.47	.4240	10.77	0.1641	0.5384	246.00	365.08
4*	61	22	.2283	5.80	.3583	9.10	0.2608	0.8559	158.28	234.92
6*	37	21	.2000	5.08	.3197	8.12	0.4148	1.361	123.52	183.33
8	168	30	.1496	3.80	.2598	6.60	0.6795	2.23	74.24	110.18
10	105	30	.1181	3.00	.2102	5.34	1.08	3.55	47.43	70.38
10	19	23	.1209	3.07	.2130	5.41	1.08	3.55	49.09	72.85
12	7	21	.0933	2.37	.1854	4.71	1.72	5.64	32.96	48.90
12	19	25	.0992	2.52	.1913	4.86	1.72	5.64	36.05	53.49
12	65	30	.0933	2.37	.1854	4.71	1.72	5.64	32.84	48.75
14	7	23	.0740	1.88	.1559	3.96	2.73	2.73	22.08	32.78
14	19	27	.0740	1.88	.1559	3.96	2.73	8.96	22.10	32.79
14	41	30	.0740	1.88	.1559	3.96	2.73	8.96	22.04	32.71
16	7	25	.0602	1.53	.1406	3.57	4.45	14.6	16.42	24.37
16	19	29	.0591	1.50	.1394	3.54	4.45	14.6	16.14	23.95
16	26	30	.0591	1.50	.1394	3.54	4.45	14.6	15.98	23.72
18	7	26	.0465	1.18	.1205	3.06	7.06	23.2	11.28	16.72
18	16	30	.0465	1.18	.1205	3.06	6.77	22.2	11.12	16.49
18	19	31	.0465	1.18	.1205	3.06	7.06	23.2	11.19	16.61
20	7	29	.0362	0.92	.1079	2.74	11.2	36.7	8.18	12.14
20	10	30	.0374	0.95	.1091	2.77	11.2	36.7	8.49	12.59
20	19	33	.0374	0.95	.1091	2.77	11.2	36.7	8.53	12.66
22	7	30	.0311	0.79	.1028	2.61	18.1	59.4	7.08	10.48
22	17	34	.0299	0.76	.1016	2.58	18.1	59.4	6.81	10.09

“*” meets SGT

Order reference:

Colors available: 0-Black, 1-Brown, 2-Red, 3-Orange, 4-Yellow, 5-Green, 6-Blue, 7-Violet, 8-Grey, 9-White, 5/4 – Green W/ Yellow

Striping: Longitudinal and Parallel Stripes Available Per Request

Delivery: All Stocked Items Available for Immediate Shipment, 8 Week Lead Time for Non-stocked Items

Package: Stocked in Spools, Barrel Pack Available Per Request

Wire Processing: Cut, Strip, and Tinning Available