

COPPER CONDUCTOR CABLES

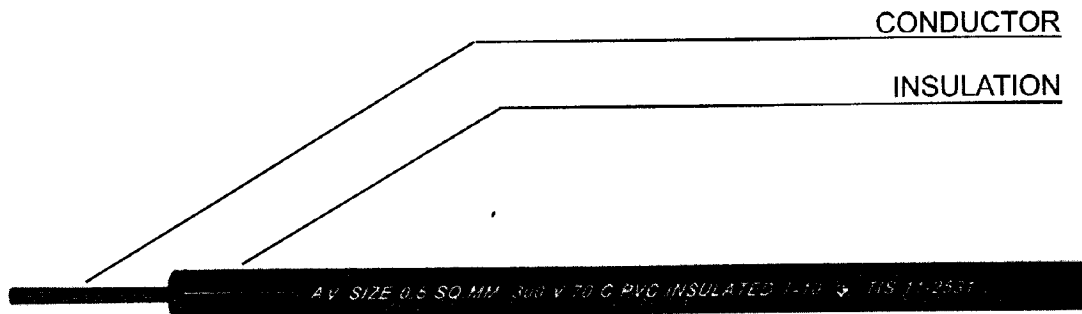
Automobile Wires And Cables

AV

60°C LOW VOLTAGE FLEXIBLE CONDUCTOR FOR AUTOMOBILE

PAGE

42-43

60°C LOW VOLTAGE FLEXIBLE CONDUCTOR FOR AUTOMOBILE**CABLE STRUCTURE**

CONDUCTOR	:	Flexible annealed copper wires Sizes. 0.5 mm ² up to 95 mm ²
INSULATION	:	PVC Colour : Any color
CLASSIFICATION	:	Maximum conductor temperature 60°C Low voltage circuit
TESTING VOLTAGE	:	5,000 Volts
REFERENCE	:	TIS 118-2522



AV

Number of core	Nominal cross sectional area (mm ²)	Number and diameter of wire (No./mm)	Approx. conductor diameter (mm)	Mean value of insulation thickness (mm)	Approx. Overall diameter (mm)	Maximum conductor resistance at 20°C (Ω-Km)	Maximum continuous current rating in free air (Ampere)	Cable weight (approx.) (Kg/Km)	Standard length (m)
1	0.5	16/0.20	0.95	0.6	2.2	37.1	8	9	100/C
	0.5	7/0.30	0.95	0.6	2.2	37.1	8	9	100/C
	0.75	24/0.20	1.15	0.6	2.4	24.7	11	11	100/C
	0.85	12/0.30	1.2	0.6	2.4	22.0	11	12	100/C
	1.0	32/0.20	1.3	0.6	2.6	18.5	13	14	100/C
	1.25	40/0.20	1.5	0.6	2.7	14.8	15	17	100/C
	1.25	18/0.30	1.5	0.6	2.7	14.7	15	17	100/C
	1.5	30/0.25	1.6	0.6	2.8	12.7	16	19	100/C
	2.0	28/0.30	1.9	0.6	3.1	9.42	20	24	100/C
	2.5	50/0.25	2.1	0.7	3.5	7.6	23	30	100/C
	3.0	44/0.30	2.3	0.7	3.7	6.00	26	37	100/C
	4.0	56/0.30	2.6	0.8	4.2	4.71	31	47	100/C
	5.0	70/0.30	3.0	0.8	4.6	3.77	36	57	100/C
	6.0	84/0.30	3.2	0.9	5.0	3.14	40	69	100/C
	8.0	63/0.40	3.7	0.9	5.5	2.31	48	88	100/C
	10	84/0.40	4.2	1.1	6.4	1.82	58	114	100/C
	16	126/0.40	5.8	1.1	8.0	1.16	75	173	100/C
	25	196/0.60	7.0	1.4	9.8	0.770	98	261	100/C
	35	280/0.40	8.5	1.4	11.3	0.524	124	366	100/C
50	399/0.40	10.9	1.6	14.1	0.357	163	537	500/D	
70	361/0.50	12.6	2.0	16.6	0.268	200	727	500/D	
95	475/0.50	14.1	2.0	18.1	0.193	248	971	500/D	

C: Packing in coil.

D: Packing in drum.