

# AUTOMOBILE & BATTERY CABLES

## Flame Retardant Automobile & Battery Cables

### SPECIFICATIONS:

- Auto and Battery cables: BS 6862-1
- Temperature range: -15°C + 70 °C  
0.5 to 150mm
- Sizes 185 to 240mm

### APPLICATION:

The cables are:

- Manufactured from annealed 99.97% pure copper conductors;
- Flexible automotive cables are ideal for use in conductors, class 5 and bare copper rope stranded, with PVC insulation;
- Impervious to abrasion, moisture, petrol/diesel oil and diluted acids etc.

### CONDUCTORS:

Flexible Class 5 Conductors to BS EN 60228.

### CONSTRUCTION:

Multi-core cables. Solid or stranded plain copper conductors, PVC insulated, cores laid up, extruded PVC bedding and galvanised steel wire armoured and PVC sheathed.



ORIGINAL FORM 51/21

PERMIT TO USE THE STANDARDIZATION MARK **43307**  
THE STANDARDS ACT (CAP 496 OF THE LAWS OF KENYA)

PERMIT IS GRANTED TO:

NAME OF FIRM: <b>ASL LTD - WIRE &amp; CABLE DIVISION</b>	STANDARDIZATION MARK NO.: <b>19584</b>
POSTAL ADDRESS: <b>P.O BOX 18778 NAIROBI 00500</b>	EFFECTIVE FROM: <b>2014-10-15</b>
PHYSICAL ADDRESS: <b>mombasa road</b>	EXPIRES ON: <b>2015-10-14</b>
TELEPHONE NO.: <b>0738714444</b>	DATE OF ISSUE:
FAX NO.:	
E-MAIL ADDRESS: <b>info@aslcables.co.ke</b>	

to use the standardization mark specified in the first row hereunder upon and in respect of the commodity and brand specified in the second and third rows there of, which commodity, conform to the standard specification in the fourth row.

1 STANDARDIZATION MARK	 
2 DESCRIPTION OF THE COMMODITY UPON WHICH THE STANDARDIZATION MARK IS TO BE USED	<b>PVC INSULATED AUTOMOTIVE CABLES</b>
3 BRAND NAME	<b>ASL</b>
4 STANDARD SPECIFICATION (Number and Title)	<b>KS 04-314-1. Kenya Standard Specification for cables for vehicles - Part 1: Cables with copper conductors.</b>

NOTE: 1. EVERY PERMIT HOLDER SHALL PAY AN ANNUAL FEE IN RESPECT OF EACH PERMIT GRANTED OR RENEWED

2. THIS PERMIT IS ISSUED SUBJECT TO THE CONDITIONS SET OUT OVER LEAF

MANAGING DIRECTOR / AUTHORIZED OFFICER  
KENYA BUREAU OF STANDARDS

 Kenya Bureau of Standards



**SINGLE CORE FLAME RETARDANT PVC INSULATED AUTO CABLES BS 6862 - 1**

Conductor Nominal Area sq.	Conductors Number & Wire Diameter	Cable Parameters, Insulation Radial Thickness	Cable Parameters, Approximate Overall Diameter	Current Rating Amps
mm <sup>2</sup>	mm	mm	mm	mm
0.5	7/0.3	0.6	2.15	4 7
0.75	11/0.3	0.6	2.45	11
1.00	15/0.3	0.7	2.70	14
1.50	22/0.3	0.7	3.00	19
2.50	36/0.3	0.7	3.65	26
4.00	56/0.3	0.8	4.30	31
6.00	84/0.3	0.8	5.20	42
10.00	140/0.3	1.0	6.60	

**FLAME RETARDANT PVC INSULATED BATTERY CABLES BS 6962 - 1**

Conductor Nominal Area sq.	Conductors Number & Wire Diameter	Cable Parameters, Insulation Radial Thickness	Cable Parameters, Approximate Overall Diameter	Cable Parameter Current, A (Ambient air temp 30°C, Max 70°C)
mm	mm	mm	mm	mm
16	126/0.4	1.0	7.80	57
25	196/0.4	1.2	9.70	71
35	276/0.4	1.2	10.9	91
50	396/0.4	1.4	13.2	120
70	360/0.5	1.4	15.3	165
95	475/0.5	1.6	17.9	200
120	608/0.5	1.6	19.4	225
150	750/0.5	1.8	21.9	250
185	925/0.5	2.0	24.5	300
240	1221/0.5	2.2	28.0	425
300	1525/0.5	2.6	33.5	773
400	2013/0.5	2.8	37.4	924
600	1769/0.6	3.0	41.3	1062
630	2257/0.6	3.0	45.5	1242

