

FLEXIBLE CABLES

Flame Retardant PVC Insulated and PVC Sheathed Flexible Cables

STANDARD:

BS 6500, KS 04-192

APPLICATION:

The cables are used for:

General purpose indoors or outdoors in dry or damp situations;
 Portable tools, washing machines, vacuum cleaners, lawn mowers and refrigerators;
 The circular cord should be used if frequent flexing or torsion is likely.
 NB: Should not be used where sheath can come into contact with hot surfaces.
 Not suitable for surfaces below 0°C.

CONSTRUCTION:

- Two, Three, Four or Five core circular flexible cord.
- Flexible Plain (Class 5) copper conductors, PVC insulated, cores laid up and PVC sheathed.

CORE COLOURS:

Two Core: Blue and Brown.

Three Core: Green/Yellow Blue and Brown.

Four Core: Green/Yellow, Black, Blue and Brown.

Five Core: Green/Yellow, Black, Blue, Brown and Grey.

SHEATH COLOURS:

Black or White

Or any other colours

VOLTAGE:

300/500V

Maximum conductor temperature: 70°C



SINGLE FLEXIBLE CABLES				
Nominal Area of Conductor	Nominal Stranding Conductor	Insulation Thickness	Max. O/D Approx.	Cable Weight
mm ²	mm	mm	mm	kg/km
1.5	30/0.25	0.7	3.4	21
2.5	50/0.25	0.8	4.1	33
4.0	56/0.3	0.8	4.8	50
6.0	84/0.3	0.8	5.3	70
10	80/0.4	1.0	6.8	117
16	126/0.4	1.0	8.1	175
25	196/0.4	1.2	10.2	290
35	276/0.4	1.2	11.7	398
50	396/0.4	1.4	13.9	565
70	360/0.5	1.4	16.0	769
95	475/0.5	1.6	18.2	1010
120	608/0.5	1.6	20.2	1260
150	765/0.5	1.8	22.5	1570
185	925/0.5	2.0	24.9	1900
240	1221/0.5	2.2	28.4	2500

ORIGINAL FORM FMT 3/4

PERMIT TO USE THE STANDARDIZATION MARK
 THE STANDARDS ACT (CAP 496 OF THE LAWS OF KENYA) **45919**

PERMIT IS GRANTED TO: **ASL LTD - WIRE AND CABLE DIVISION**
 NAME OF FIRM: ASL LTD - WIRE AND CABLE DIVISION
 STANDARDIZATION MARK NO.: 16825

POSTAL ADDRESS: **P.O BOX 18778 NAIROBI 00500**
 PORTAL ADDRESS: 00500
 EFFECTIVE FROM: 2015-01-08

PHYSICAL ADDRESS: **mombasa road**
 EXPIRES ON: 2016-01-07

TELEPHONE NO.: **0738714444**
 DATE OF ISSUE: 2015-02-04

FAX NO.:
 E-MAIL ADDRESS: **info@aslcables.co.ke**

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 **PVC INSULATED FLEXIBLE CABLES - FLAME RETARDANT**

3 BRAND NAME **ASL**

4 STANDARD SPECIFICATION (Number and Title) **KS 04-192. Kenya Standard Specification for PVC insulated flexible cables and cords of rated voltage up to and including 450/750 V (Second Edition).**

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

Cert-01

FLEXIBLE TWIN FLAT CABLES

Nominal Area of Conductor	Nominal Stranding Conductor	Insulation Thickness	Max. O/D Approx.	Cable Weight
mm ²	mm	mm	mm	kg/km
0.5	16/0.2	0.6	2.5	10
0.75	24/0.2	0.6	2.7	13
1.0	32/0.2	0.6	2.8	16

CIRCULAR FLEXIBLE CABLES - TWO CORE

Nominal Area of Conductor	Nominal Stranding Conductor	Insulation Thickness	Overall Diameter Min	Overall Diameter Max	Cable Weight
mm ²	mm	mm	mm	mm	kg/km
0.75	24/0.2	0.6	5.7	7.2	63
1.00	32/0.2	0.6	5.9	7.5	73
1.25	40/0.2	0.7	6.3	8.0	84
1.50	30/0.25	0.7	6.8	8.6	95
2.50	50/0.25	0.8	8.4	10.6	145
4.00	56/0.3	0.8	10.1	12.0	200

CIRCULAR FLEXIBLE CABLES - THREE CORE

Nominal Area of Conductor	Nominal Stranding Conductor	Insulation Thickness	Min.O/D Approx.	Max. O/D Approx.	Cable Weight
mm ²	mm	mm	mm	mm	kg/km
0.75	24/0.2	0.6	6.0	7.6	74
1.00	32/0.2	0.6	6.3	8.0	86
1.25	40/0.2	0.7	6.9	8.7	104
1.50	30/0.25	0.7	7.4	9.4	120
2.50	50/0.25	0.8	9.2	11.4	180
4.00	56/0.3	0.8	11.0	13.0	250

CIRCULAR FLEXIBLE CABLES - FOUR CORE

Nominal Area of Conductor	Nominal Stranding Conductor	Insulation Thickness	Min.O/D Approx.	Max. O/D Approx.	Cable Weight
mm ²	mm	mm	mm	mm	kg/km
0.75	24/0.20	0.6	6.6	8.3	78
1.00	32/0.20	0.6	7.1	9.0	110
1.50	30/0.25	0.7	8.4	10.5	150
2.50	50/0.25	0.8	10.1	12.5	220
4.00	56/0.30	0.8	12.0	14.0	305

CIRCULAR FLEXIBLE CABLES - FIVE CORE

Nominal Area of Conductor	Nominal Stranding Conductor	Insulation Thickness	Min. O/D Approx.	Max. O/D Approx.	Cable Weight
mm ²	mm	mm	mm	mm	kg/km
0.75	24/0.20	0.6	7.4	9.3	98
1.00	32/0.20	0.6	7.8	9.8	118
1.50	30/0.25	0.7	9.3	11.6	180
2.50	50/0.20	0.8	11.2	13.9	265
4.00	56/0.3	0.8	13.5	15.5	380

