

# K. LACEY WIRES AND CABLES

## PVC TRI-RATED FLEXIBLE WIRE

### PANEL WIRE

Meets BS6231 Type CK, CSA Type TEW and UL 1015

#### CONSTRUCTION

Plain annealed Stranded copper conductors. Heat resistant PVC insulation.

#### SPECIFICATION

Tri-Rated – denotes compliance to triple standards BS6231, CSA/TEW and UL1015/1028/1283/1284.

#### SCOPE

For use in panel wiring, switchgear, control, relays and instrument panels of power switchgear and for internal connection in appliance rectifier equipment. Starter motors and controllers.

Maximum Temperature Rating 105°C (UL1015 & CSA/TEW).

Resistant to oil at temperatures up to 60°C (UL/CSA)

Voltage rating 600V (UL1015 & CSA/TEW) 600/1000V (BS6231 type CK)

PLEASE NOTE AWG SIZES ARE APPROXIMATE ONLY.

Conductor			Finished Cable				
Approx. AWG	Area mm <sup>2</sup>	Strand mm	Nom. Ins. Thickness mm	AMP Rating Max *	O/Dia. Nom. mm	UL/AWM Style No.	Max. Weight. Kg / km
22	0.50	16/0.20	0.8	11	02.60	1015	11.60
20	0.75	24/0.20	0.8	14	02.80	1015	14.70
18	1.00	32/0.20	0.8	17	03.00	1015	17.80
16	1.50	30/0.25	0.8	21	03.30	1015	23.30
14	2.50	50/0.25	0.8	30	03.70	1015	33.80
12	4.00	56/0.30	0.8	41	04.30	1015	50.00
10	6.00	84/0.30	0.8	53	05.10	1015	71.00
8	10.00	80/0.40	1.2	75	06.80	1028	123.00
6	16.00	126/0.40	1.6	100	09.20	1283	209.00
4	25.00	196/0.40	1.6	136	10.60	1283	296.00
2	35.00	276/0.40	1.6	167	11.60	1283	400.00
1	50.00	396/0.40	2.1	204	14.40	1284	582.00
00	70.00	360/0.50	2.1	259	16.50	1284	796.00
000	95.00	475/0.50	2.1	321	18.70	1284	1025.00
0000	120.00	608/0.50	2.1	362	20.00	1284	1282.00

- Current rating based on single conductor in free air at ambient temperature of 35°C.  
Conductor temperature rise of 35°C.

**IN HOUSE STRIPING AND COLOURING SERVICE FOR NON-STANDARD COLOURS**  
**CUTTING AND STRIPPING SERVICE ALSO AVAILABLE**

## CONTACT US NOW FOR A QUOTATION

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INFORMATION GIVEN IS BASED ON GENERAL EXPERIENCE ONLY AND IS GIVEN IN GOOD FAITH. NO WARRANTY IS GIVEN WITH RESPECT TO THE INFORMATION AND USERS MUST DETERMINE THE SUITABILITY OF THE PRODUCT PRIOR TO ANY PARTICULAR USE.

AS9120 Rev A and ISO9001:2008 APPROVED BSI. RS000146 BAE APPROVED