



# K. LACEY WIRES AND CABLES

## ZYRAD 500 INDUSTRIAL CABLE

**APPROVALS: UL3289 CSA CL 1503 600V 150°C**

### GENERAL DESCRIPTION

STRANDED METRIC TIN PLATED COPPER  
WIRE CONDUCTORS INSULATED WITH  
MODIFIED CROSS LINKED POLYOLEFIN  
(ZYRAD 500)

**VOLTAGE RATING:** 600V rms  
**TEMPERATURE RATING:** -65°C to + 150°C

Additionally able to withstand short term exposure to a temperature of 250°C  
(test performed on material cross linked in electron beam at 17MRad dose)

### TYPICAL APPLICATIONS:

- Class F electric motors and transformers
- Domestic appliances
- Inductive loop
- Lighting
- General Hostile Environments

Conductor area mm <sup>2</sup> nom.	AWG	Conductor strand mm	Conductor diameter mm nom.	Insulation thickness mm	Overall diameter mm nom	Current rating amp (max)*
0.25	24	19/0.13	0.65	0.80	2.25	13
0.50	22	16/0.20	0.93	0.80	2.53	16
0.75	20	24/0.20	1.14	0.80	2.74	23
1.00	18	32/0.20	1.32	0.80	2.92	26
1.50	16	30/0.25	1.60	0.80	3.20	35
2.50	14	50/0.25	2.07	0.80	3.67	50
4.00	12	56/0.30	2.60	0.80	4.20	69
6.00	10	84/0.30	3.19	0.80	4.79	93
10.00	8	80/0.40	4.20	1.20	6.60	137
16.00	6	126/0.40	5.70	1.60	8.90	182
25.00	4	196/0.40	7.10	1.60	10.30	243
35.00	2	278/0.40	8.50	1.60	11.70	300
50.00	1	399/0.40	10.30	2.00	14.30	378
70.00	0	361/0.50	12.40	2.00	16.40	459
95.00	000	475/0.50	14.50	2.00	18.50	580
120.00	0000	608/0.50	16.00	2.00	20.00	700

**\*BASED ON A 40°C AMBIENT TEMPERATURE WITH 110°C CONDUCTOR RISE DUE TO CURRENT ONLY**

Available in 11 standard colours plus dual extruded and ink striped versions.

## CONTACT US NOW FOR A QUOTATION

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