

DATE: 20/04/2006  
 ORIGINATOR: M.T  
 CHECKED:

## BELDEN - SPECIFICATION DATA SHEET

### CABLE TYPE

ZYRAD 500 INDUSTRIAL CABLE

### GENERAL DESCRIPTION

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

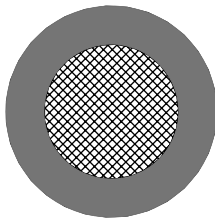
### RELEVANT STANDARDS

UL3289 / CSA CL 1503 600V 150°C

Conductor C.S.A (mm <sup>2</sup> )	Equivalent AWG Size (aprox.)	Conductor Stranding (mm)	Conductor Diameter (mm) Nominal	Insulation Thickness (mm) Nominal	Overall Diameter (mm) Nominal	Current Rating (Amps) Maximum *	Cable Weight (Kg/Km)
0.25	24	19/0.130	0.65	0.80	2.25	13	7.06
0.50	22	16/0.200	0.93	0.80	2.53	16	10.26
0.75	20	24/0.200	1.14	0.80	2.74	23	13.23
1.00	18	32/0.200	1.32	0.80	2.92	26	16.10
1.50	16	30/0.250	1.60	0.80	3.20	35	21.15
2.50	14	50/0.250	2.07	0.80	3.67	50	31.51
4.00	12	56/0.300	2.60	0.80	4.20	69	47.08
6.00	10	84/0.300	3.19	0.80	4.79	93	66.35
10.00	8	80/0.400	4.20	1.20	6.60	137	120.50
16.00	6	126/0.400	5.70	1.60	8.90	182	191.66
25.00	4	196/0.400	7.10	1.60	10.30	243	281.13
35.00	2	278/0.400	8.50	1.60	11.70	300	383.79
50.00	1	399/0.400	10.30	2.00	14.30	378	558.87
70.00	0	361/0.500	12.40	2.00	16.40	459	768.11
95.00	3/0	475/0.500	14.50	2.00	18.50	580	1003.63
120.00	4/0	608/0.500	16.00	2.00	20.00	700	1280.17

\* 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.



### CABLE CHARACTERISTICS :

VOLTAGE RATING: 600V rms

TEMPERATURE RATING: -65°C to + 150°C

TYPICAL APPLICATIONS: CLASS "F" ELECTRIC MOTORS AND  
 TRANSFORMERS, DOMESTIC APPLIANCES, INDUCTIVE LOOP,  
 LIGHTING, GENERAL HOSTILE ENVIRONMENTS.

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