

DATE: 20/04/2006
 ORIGINATOR: A.J.R.
 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)**

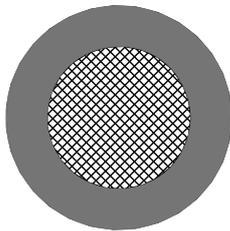
RELEVANT STANDARDS

UL3289 / CSA CL 1503 600V 150°C

European Part Number	Conductor C.S.A (mm ²)	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)
HZ24TCR.	0.25	24	19/0.130	0.65	0.80	2.25	13	7.06
HZ22TFR.	0.50	22	16/0.200	0.93	0.80	2.53	16	10.26
HZ20TGR.	0.75	20	24/0.200	1.14	0.80	2.74	23	13.23
HZ18TJR.	1.00	18	32/0.200	1.32	0.80	2.92	26	16.10
HZ16THR.	1.50	16	30/0.250	1.60	0.80	3.20	35	21.15
HZ14TKR.	2.50	14	50/0.250	2.07	0.80	3.67	50	31.51
HZ12TLR.	4.00	12	56/0.300	2.60	0.80	4.20	69	47.08
HZ10TNR.	6.00	10	84/0.300	3.19	0.80	4.79	93	66.35
HZ08TML.	10.00	8	80/0.400	4.20	1.20	6.60	137	120.50
HZ06TOP.	16.00	6	126/0.400	5.70	1.60	8.90	182	191.66
HZ04TPP.	25.00	4	196/0.400	7.10	1.60	10.30	243	281.13
HZ02TQP.	35.00	2	278/0.400	8.50	1.60	11.70	300	383.79
HZ01TSS.	50.00	1	399/0.400	10.30	2.00	14.30	378	558.87
HZ00TRS.	70.00	0	361/0.500	12.40	2.00	16.40	459	768.11
HZ93TTS.	95.00	3/0	475/0.500	14.50	2.00	18.50	580	1003.63
HZ94TUS.	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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