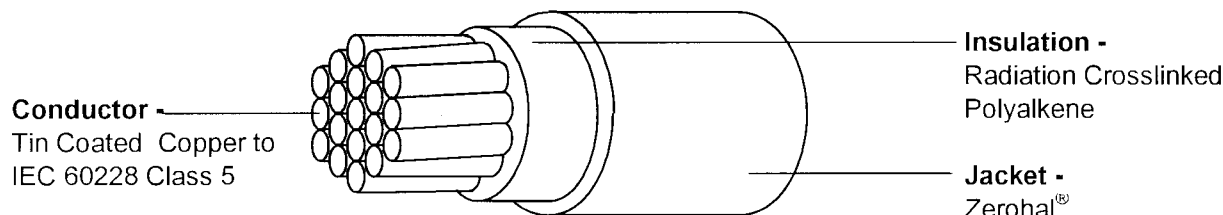


# 600/1000 VOLT POWER CABLE

The complete requirements for procuring the wire described herein shall consist of this document, which takes precedence over documents referenced herein.



Part Number	CONDUCTOR		FINISHED WIRE				
	Stranding No. x Diam. Nom. (mm)	Nom Diameter (mm)	Maximum Resistance @ 20° C (ohms/ km)	Insulation Nom. Diameter (mm)	Jacket Outside Diameter (mm)		
					Min	Nom.	Max
ZHI15-1.5-#	30/0.25	1.49	13.2	2.09	3.90	4.09	4.29
ZHI15-2.5-#	50/0.25	1.94	7.89	2.69	4.47	4.69	4.92
ZHI15-4-#	56/0.30	2.48	4.89	3.29	5.23	5.49	5.76
ZHI15-6-#	84/0.30	2.93	3.23	3.96	5.87	6.16	6.47
ZHI15-10-#	84/0.40	4.60	1.85	5.80	7.81	8.20	8.61
ZHI15-16-#	126/0.40	5.62	1.18	6.90	8.86	9.30	9.77
ZHI15-25-#	196/0.40	7.04	0.760	8.30	10.4	10.9	11.4
ZHI15-35-#	280/0.40	8.30	0.538	9.70	11.8	12.3	12.9
ZHI15-50-#	399/0.40	10.3	0.375	11.9	14.0	14.7	15.4
ZHI15-70-#	361/0.50	12.3	0.264	14.0	16.0	16.8	17.6
ZHI15-95-#	475/0.50	14.3	0.206	16.1	18.2	19.1	20.0
ZHI15-120-#	629/0.50	16.7	0.160	18.0	20.0	21.0	22.0
ZHI15-150-#	777/0.50	18.2	0.126	20.0	22.0	23.0	24.1
ZHI15-185-#	925/0.50	20.1	0.103	22.4	24.4	25.6	26.8
ZHI15-240-#	1221/0.50	23.0	0.078	25.4	27.3	28.6	30.0
ZHI15-300-#	1525/0.50	26.0	0.063	28.6	30.5	32.0	33.6
ZHI15-400-#	2013/0.50	30.0	0.047	32.8	34.7	36.4	38.2
							4396

Zerohal® is a registered trademark of Tyco Electronics Corporation.

**DESCRIPTION:** The 'Y' in the part number represents the conductor cross sectional area in mm<sup>2</sup>

**COLOUR CODE:** The '#' in the part number represents the colour code designator in accordance with MIL-STD-681, black preferred.

**PERFORMANCE REQUIREMENTS:** Primary insulation to meet the requirements of WCD 51/ 1601UXL.  
Outer jacket and completed cable to meet the requirements of WCD 2015

## Routine Spark Test to BS 6231

Wire Size (mm <sup>2</sup> )	Voltage (kV ac rms)
1.5 - 16	6
25 - 35	10
50 - 95	12
120 - 400	15

# Mouser Electronics

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