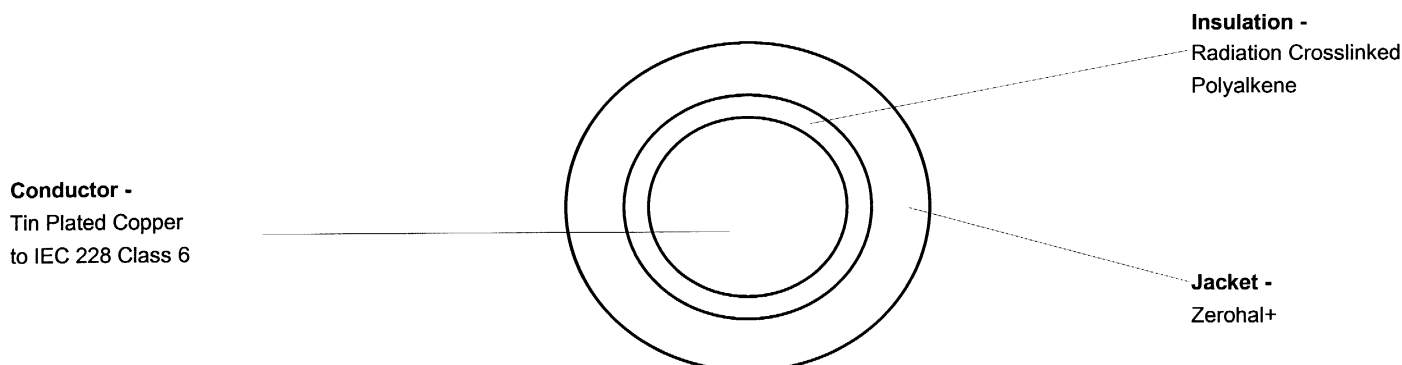


600/1000 VOLT POWER CABLE FOR PROTECTED ENVIRONMENTS

The complete requirements for procuring the wire described herein shall consist of this document.



Part Number	Conductor Stranding No & Nom.Dia (mm)	Conductor Diameter (mm)		FINISHED WIRE							Maximum Weight (kg/km)
				Maximum Resistance @20 deg C (ohms/km)	Insulation		Jacket				
					Nom Thickness (mm)	Nom Diameter (mm)	Nom Thickness (mm)	Outside Diameter (mm)			
		Min	Nom					Max			
ZHI16-1.5-Y	85/0.15	1.38	1.68	12.8	0.3	2.13	0.6	3.18	3.33	3.48	27.90
ZHI16-2.5-Y	7x20x0.15	2.20	2.60	7.76	0.3	3.00	0.6	4.05	4.20	4.35	45.20
ZHI16-4.0-Y	7x33x0.15	2.65	3.15	4.76	0.3	3.50	0.6	4.50	4.70	4.90	66.80
ZHI16-6.0-Y	7x27x0.20	3.35	3.85	3.23	0.3	4.20	0.6	5.15	5.40	5.65	91.30
ZHI16-10.0-Y	19x17x0.20	4.30	4.80	1.88	0.3	5.15	0.6	6.05	6.35	6.65	145.70
ZHI16-16.0-Y	19x27x0.20	5.20	5.80	1.19	0.3	6.10	0.6	7.00	7.30	7.60	220.10
ZHI16-25.0-Y	37x21x0.20	6.90	7.70	0.78	0.3	7.90	0.6	8.70	9.10	9.50	332.60
ZHI16-35.0-Y	37x30x0.20	8.10	9.00	0.552	0.3	9.15	0.7	10.05	10.55	11.05	468.70
ZHI16-50.0-Y	37x19x0.30	9.60	10.70	0.387	0.3	10.75	0.7	11.55	12.15	12.75	639.60

The '**' in the part number represents the conductor cross sectional area in mm²

COLOUR CODE:

The 'Y' represents the colour code in accordance with Mil Std 681. Black preferred.
eg: ZHI16-10.0-0 is a 10mm² conductor size, Black insulation.

PERFORMANCE REQUIREMENTS:

Primary Insulation to be tested and meet the requirements of the issue in effect of Raychem Specification WCD 51/1601 XL.
The Outer jacket shall be tested and meet the requirements of the issue in effect of Raychem Specification WCD 2015

ADDITIONAL REQUIREMENTS:

Routine Spark Test as per BS 6231
1.5 - 16mm² 6kV rms
25 - 35mm² 10kV rms
50 mm² 12kV rms

+ Note:

Zerohal is a Trade Mark of Raychem Ltd