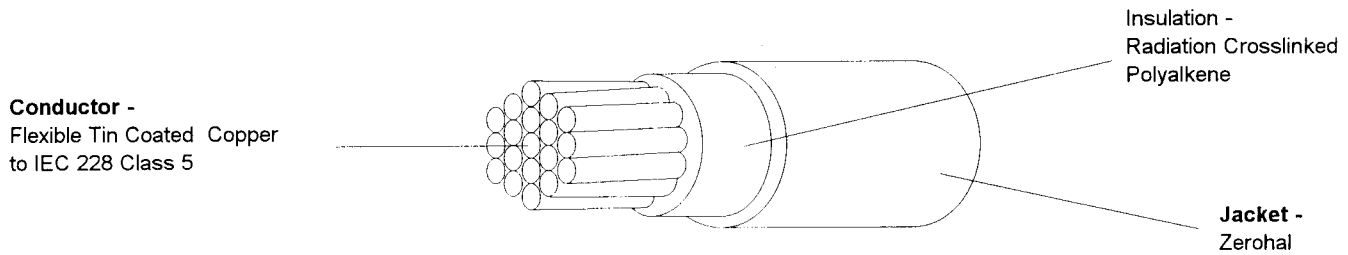


1900/3300 VOLT POWER CABLE

The complete requirements for procuring the wire described herein shall consist of this document and the issue in effect of the referenced specifications.



Part Number	Conductor Stranding Nom No./ /Nom Dia. (mm)	Conductor Diameter (mm)		Maximum Resistance @20 deg C (ohms/km)	Insulation		Finished Wire				Maximum Weight (kg/km)
		Min	Max		Nom Thickness (mm)	Nom Diameter (mm)	Nom Thickness (mm)	Jacket Outside Diameter (mm)			
								Min	Nom	Max	
ZHI35-1.5-*	30/0.25	1.43	1.55	13.2	0.8	3.09	1.2	5.22	5.49	5.76	48.1
ZHI35-2.5-*	50/0.25	1.814	1.966	7.89	0.8	3.49	1.2	5.60	5.89	6.18	62.6
ZHI35-4.0-*	56/0.30	2.415	2.565	4.89	0.8	4.09	1.3	6.36	6.69	7.02	87.9
ZHI35-6.0-*	84/0.30	2.871	3.049	3.23	0.8	4.56	1.3	6.80	7.16	7.52	114.8
ZHI35-10.0-*	84/0.40	4.4	4.8	1.85	0.8	6.2	1.4	8.55	9.00	9.45	175.0
ZHI35-16.0-*	126/0.40	5.45	5.95	1.18	0.8	7.3	1.4	9.60	10.10	10.61	242.0
ZHI35-25.0-*	196/0.40	6.9	7.5	0.757	0.8	8.7	1.4	10.93	11.50	12.08	345.0
ZHI35-35.0-*	280/0.40	8.05	8.75	0.538	0.8	10.1	1.4	12.26	12.90	13.55	464.0
ZHI35-50.0-*	399/0.40	9.8	10.8	0.375	0.8	11.9	1.4	13.97	14.70	15.44	631.0
ZHI35-70.0-*	361/0.50	11.9	12.9	0.264	0.8	14.0	1.4	16.06	16.90	17.75	852.0
ZHI35-95.0-*	475/0.50	13.7	14.9	0.206	0.8	16.1	1.5	18.15	19.10	20.06	1109.0
ZHI35-120.0-*	629/0.50	15.25	16.75	0.156	1.0	18.0	1.5	19.95	21.00	22.05	1438.0
ZHI35-150.0-*	777/0.50	17.25	18.75	0.126	1.0	20.0	1.5	21.85	23.00	24.15	1748.0
ZHI35-185.0-*	925/0.50	19.2	20.8	0.103	1.2	22.4	1.6	24.32	25.60	26.88	2088.0
ZHI35-240.0-*	1221/0.50	22.2	23.8	0.078	1.2	25.4	1.6	27.17	28.60	30.03	2705.0
ZHI35-300.0-*	1525/0.50	25.1	26.9	0.063	1.3	28.6	1.7	30.40	32.00	33.60	3363.0
ZHI35-400.0-*	2013/0.50	29	31	0.047	1.4	32.8	1.8	34.58	36.40	38.22	4396.0

ADDITIONAL REQUIREMENTS

The 'Y' in the part number represents the jacket colour code designator in accordance with Mil Std 681, black preferred.
The '**' in the part number represents conductor cross sectional area in mm²

Primary insulation tested in accordance with Raychem Specification WCD 51/1601 XL. Jacket and completed cable to meet the requirements of Raychem Specification WCD 2015.

Routine Spark Test to BS 6231

Conductor Size (mm ²)	Voltage (kV)
1.5-16.0	10
25.0-35.0	12
50.0-95.0	15
120-400	18

DESIGN	PROD. MAN.	MANUFACTURE
<i>Ann Gambles</i> 1/2/96	<i>Grant</i> 1-2-96	<i>CEH</i> 5-1-96