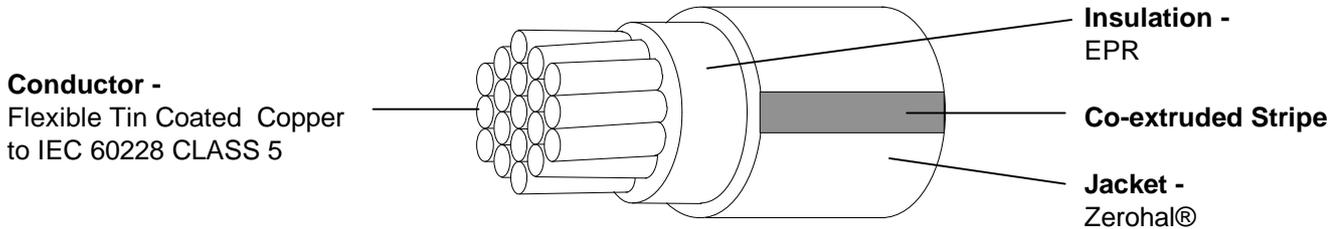


600/1000 VOLT POWER CABLE

The complete requirements for procuring the wire described herein shall consist of this document and the issue in effect of the referenced specifications. This document 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		Jacket			Nom. Weight (kg/ km)	
				Nom. Thickness (mm)	Nom. Diameter (mm)	Nom. Thickness (mm)	Outside Diameter (mm)			
							Min	Nom.		Max
LHCS15-1.5-**	30/0.25	1.49	13.2	0.35	2.20	0.50	3.05	3.20	3.35	23.0
LHCS15-2.5-**	50/0.25	1.89	7.89	0.45	2.80	0.50	3.60	3.80	4.00	35.0
LHCS15-4.0-**	56/0.30	2.49	4.89	0.55	3.60	0.50	4.35	4.60	4.85	53.0
LHCS15-6.0-**	84/0.30	2.96	3.23	0.60	4.20	0.55	5.05	5.30	5.55	77.0
LHCS15-10.0-**	84/0.40	4.60	1.85	0.50	5.60	0.50	6.30	6.60	6.90	125
LHCS15-16.0-**	126/0.40	5.70	1.18	0.50	6.70	0.50	7.30	7.70	8.10	182
LHCS15-25.0-**	196/0.40	7.20	0.760	0.70	8.60	0.65	9.40	9.90	10.4	289
LHCS15-35.0-**	280/0.40	8.40	0.540	0.75	9.90	0.70	10.7	11.3	11.9	402

#Note: Maximum conductor strand diameter equals nominal OD + 0.1 mm.

COLOUR CODE: The '**' in the part number represents the colour code designator in accordance with MIL-STD-681,(e.g. - LHCS15-2.5-45 yellow insulation with green stripe).

STRIPE DETAIL: All products to carry three co-extruded longitudinal stripes, 30% minimum overall coverage.

ADDITIONAL REQUIREMENTS: Primary insulation to meet the requirements of Type GP5 to BS 6899. Outer jacket and completed cable to meet the requirements of WCD 2015. The 'Y' in the part number represents the conductor cross sectional area in mm²

Routine Spark Test to BS 5099

Primary Insulation

Wire Size (mm ²)	Voltage (kV ac rms)	Voltage (kV impulse)
1.5-150	6	9
185-400	10	15

Completed Cable

Wire Size (mm ²)	Voltage (kV ac rms)	Voltage (kV impulse)
1.5-16.0	7	11
25.0-35.0	10	15

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