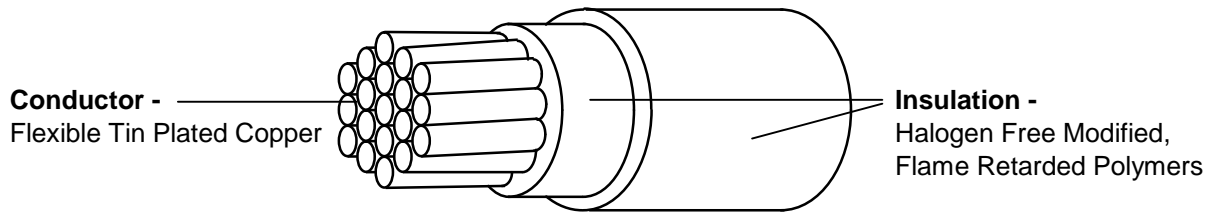


Specification Control Drawing

C-Lite® PRIMARY WIRE, 90°C, 600/ 1000 V HALOGEN FREE CABLE



Part Description	Conductor			Maximum Resistance @ 20°C (ohms/ km)	Finished Wire			Nominal Weight (kg/ km)
	Cross Sectional Area (mm²)	Stranding No/Dia (mm)	Max. Diameter (mm)		Diameter (mm)			
					Lower Spec Limit	Target	Upper Spec Limit	

Metric

Cross Sections

CL105-0111-0.5-*	0.50	19/0.18	0.88	40.1	1.35	1.40	1.45	6.60
CL105-0111-0.75-*	0.75	19/0.23	1.08	24.7	1.55	1.60	1.65	8.90
CL105-0111-1.0-*	1.00	19/0.25	1.21	20.0	1.70	1.75	1.80	10.7
CL105-0111-1.5-*	1.50	37/0.23	1.53	12.9	2.03	2.08	2.13	16.0
CL105-0111-2.5-*	2.50	37/0.29	1.89	8.01	2.48	2.55	2.63	25.7
#CL105-0111-4.0-*	4.00	56/0.30	2.56	4.89	3.01	3.09	3.17	43.6

AWG

Cross Sections

#CL105-0111-24-*	0.25	19/0.13	0.61	83.3	1.09	1.14	1.19	3.59
CL105-0111-22-*	0.40	19/0.16	0.76	50.5	1.28	1.33	1.38	5.20
CL105-0111-20-*	0.60	19/0.20	0.97	31.1	1.47	1.52	1.57	7.40
CL105-0111-18-*	1.00	19/0.25	1.21	20.0	1.70	1.75	1.80	10.7
CL105-0111-16-*	1.20	19/0.29	1.37	15.3	1.88	1.93	1.98	13.6
CL105-0111-14-*	2.00	37/0.25	1.72	9.80	2.31	2.36	2.41	20.3
CL105-0111-12-*	3.00	37/0.32	2.16	6.40	2.70	2.78	2.86	31.0

'#' These sizes are not covered by DNV Type Approval Programme No. 6-827.11-1 March 2000.

**COLOUR CODE:** The '\*' in the part number shall be replaced by a standard colour code designator in accordance with Mil Std 681  
White preferred other colours available on request  
e.g. CL105-0111-0.5-9 White Insulation

**PERFORMANCE REQUIREMENTS:** The complete requirements for procuring the wire described herein shall consist of:

- This document.
- DNV Type Approval Programme No. 6-827.11-1: March 2000 and WSD 1767 (which takes precedence).

**APPROVAL:** Electronic sign off - no signatures will appear.