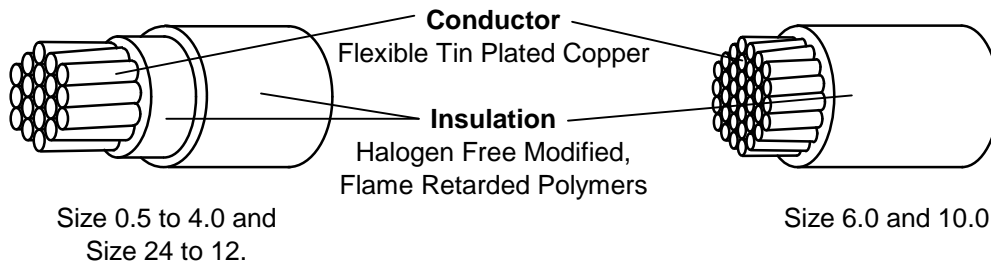


Specification Control Drawing

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

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



Part Description	Conductor			Maximum Resistance @ 20°C (ohms/ km)	Finished Wire			Nominal Weight (kg/ km)
	Cross Sectional Area (mm ²)	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	1.75	1.75	1.75	10.7
#	CL105-0111-1.5-*	1.50	37/0.23	1.53	12.9	2.08	2.08	2.08	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
	CL105-0111-6.0-*	6.00	84/0.31	3.05	3.16	3.78	3.95	4.15	58.3
	CL105-0111-10.0-*	10.0	80/0.41	4.00	1.95	4.78	4.95	5.20	100.0

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	1.75	1.75	1.75	10.7
	CL105-0111-16-*	1.20	19/0.29	1.37	15.3	1.93	1.93	1.93	13.6
	CL105-0111-14-*	2.00	37/0.25	1.72	9.80	2.36	2.36	2.36	20.3
	CL105-0111-12-*	3.00	37/0.32	2.16	6.40	2.70	2.78	2.86	31.0

COLOUR CODE: The '*' in the part description shall be replaced by a standard colour code designator in accordance with Mil Std 681

For size 0.5 to 4.0 and 24 AWG to 12 AWG.

White preferred other colours available on request

For size 6.0 and 10

White insulation only.

e.g. CL105-0111-0.5-9 White Insulation

PERFORMANCE REQUIREMENTS: To be tested to and meet the requirements of the issue in effect of WSD 1767 (which takes preference) and DNV Type Approval Programme No. 827.11.

Sizes indicated by:

Meets the performance requirements of VG 95218 T020 E.

APPROVAL: Electronic sign off - no signatures will appear.