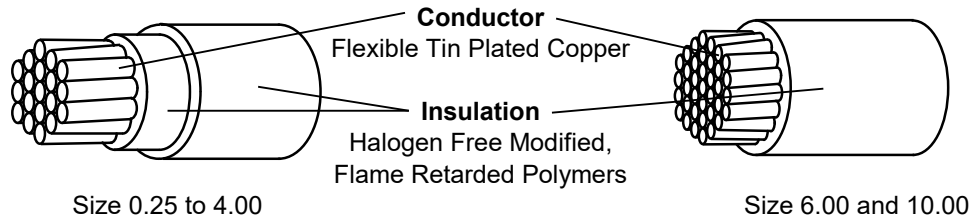


Specification Control Drawing

C-Lite® PRIMARY WIRE, 600/1000V HALOGEN FREE WIRE  
TE rated to 120°C (90°C for marine classification ratings)

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



Part Description	Conductor			Finished Wire				
	Size (AWG)	Stranding No/Dia (mm)	Max. Diameter (mm)	Maximum Resistance @ 20°C (Ohms/km)	Diameter (mm)			Nominal Weight (kg/km)
					Lower Spec Limit	Target	Upper Spec Limit	
# CL105-0111-0.25-*	24	19/0.13	0.61	83.3	1.09	1.14	1.19	3.59
# CL105-0111-0.40-*	22	19/0.16	0.76	50.5	1.28	1.33	1.38	5.20
i) CL105-0111-0.50-*	-	19/0.18	0.88	40.1	1.35	1.40	1.45	6.60
CL105-0111-0.60-*	20	19/0.20	0.97	31.1	1.47	1.52	1.57	7.40
i) CL105-0111-0.75-*	-	19/0.23	1.08	24.7	1.53	1.60	1.67	8.90
i) CL105-0111-1.00-*	18	19/0.25	1.21	20.0	1.70	1.75	1.80	10.7
CL105-0111-1.20-*	16	19/0.29	1.37	15.3	1.88	1.93	1.98	13.6
i) CL105-0111-1.50-*	-	37/0.23	1.53	12.9	2.03	2.08	2.13	16.0
CL105-0111-2.00-*	14	37/0.25	1.72	9.80	2.31	2.36	2.41	20.3
i) CL105-0111-2.50-*	-	37/0.29	1.89	8.01	2.48	2.55	2.63	25.7
CL105-0111-3.00-*	12	37/0.32	2.16	6.40	2.70	2.78	2.86	31.0
i) CL105-0111-4.00-*	-	56/0.30	2.56	4.89	3.01	3.09	3.17	43.6
i) & ii) CL105-0111-6.00-*	-	84/0.31	3.05	3.16	3.78	3.95	4.15	58.3
i) & ii) CL105-0111-10.00-*	-	80/0.41	4.00	1.95	4.78	4.95	5.20	100.0

**COLOUR CODE:** The '\*' in the part description shall be replaced by a standard colour code designator in accordance with Mil Std 681  
For size 0.25 to 4.00.  
White preferred other colours available on request  
For size 6.00 and 10.00.  
Available colours: Black, Brown, Blue, Grey, White.  
e.g. CL105-0111-10.00-9 White Insulation

**PERFORMANCE REQUIREMENTS:** To be tested to and meet the requirements of the issue in effect of WSD2100 (which takes preference) and DNVGL-CP-0400.

Sizes indicated by:

i) Meet the performance requirements of VG 95218 T020 E.

ii) For cable component use only.

# - Released to WSD2100 only.

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