

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.



Size 0.25 to 4.00

Size 6.00 and 10.00

		Conductor			Finished Wire				
	Part	Size	Stranding	Max.	Maximum	Diameter (mm)			
	Description		No/Dia	Diameter	Resistance	Lower		Upper	Nominal
		(AWG)	(mm)	(mm)	@ 20°C	Spec	Target	Spec	Weight
					(Ohms/km)	Limit		Limit	(kg/km)
#	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.

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