



TABLE C1 : Singlecore Cables

Application

- Power, Lighting, Control & Communication and Instrumentation circuits in surface ships and submarines.
- Used in fuel and lubrication oils, hydraulic fluids and water surfaces.
- Ship systems & equipments and weapon systems & equipments.

Product Construction

- Conductor : Circular Electroplated, annealed tinned copper wire (Class 2) complying with BS : 6360
- Insulation : Silicone Rubber (Type E / Type T)
- Protective Tape : Glass Mica Tape
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material - Black.

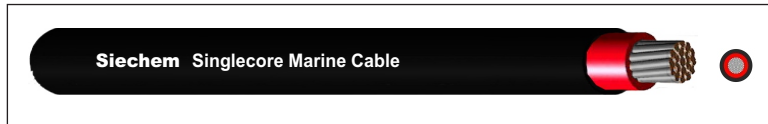
Technical Data

- Temperature Range : - 30°C to +105°C
- Rated Voltage (U_i/U₀) : 440 V
- Test Voltage : 1.5/3.5 kV
- Bending Radius(Min) : 6 x Cable Diameter
- Specification : Def stand 02-527

Features

- Limited Fire Hazard
- Halogen free

ISO 9001	ISO 14001	AS 9100	ISO 45001	CE



Part Number	Conductor			Insulation Thickness (mm)		Sheath Thickness (mm)	Diameter Overall (mm)	Max. Conductor Resistance at 20°C (Ω/km)	Total Weight approx. Kg/Km	Length on Drum	Current Carrying Capacity
	No. of Cores mm ²	Stand (mm)	Diameter (mm)	Type E	Type T						
521-6808	1C x 1.0	7/0.44	1.32	0.5	-	1.2	5.6	18.2	41	500	17
521-6809	1C x 1.5	7/0.53	1.59	0.6	-	1.2	5.9	12.2	49	500	23
521-6810	1C x 2.5	7/0.67	2.01	0.6	-	1.2	6.5	7.56	65	500	33
521-6811	1C x 4.0	7/0.85	2.55	0.6	-	1.2	7.0	4.70	87	500	43
521-6812	1C x 6.0	7/1.04	3.12	0.7	-	1.2	7.8	3.11	116	500	55
521-6813	1C x 10	19/0.85	4.25	0.9	-	1.2	9.3	1.84	183	500	79
521-6814	1C x 16	19/1.04	5.20	0.9	-	1.2	10.3	1.16	247	500	100
521-6815	1C x 25	19/1.35	6.75	-	1.1	1.2	11.9	0.734	357	250	140
521-6816	1C x 35	19/1.53	7.65	-	1.1	1.2	12.8	0.529	446	250	165
521-6817	1C x 50	19/1.78	8.90	-	1.1	1.2	14.1	0.391	565	250	200
521-6818	1C x 70	19/2.14	10.70	-	1.1	1.3	16.2	0.270	820	250	250
521-6819	1C x 95	37/ 1.78	12.46	-	1.4	1.4	18.7	0.195	1053	250	315
521-6820	1C x 120	37/2.03	14.21	-	1.4	1.5	20.9	0.154	1526	250	380
521-6821	1C x 150	37/2.25	15.75	-	1.4	1.5	22.4	0.126	1615	250	420
521-6822	1C x 185	37/2.52	17.64	-	1.4	1.6	24.5	0.100	2120	250	480
521-6823	1C x 240	61/2.25	20.25	-	1.4	1.7	27.3	0.0762	2586	250	560
521-6824	1C x 300	61/2.52	22.68	-	1.4	1.8	29.9	0.0607	3196	250	660
521-6825	1C x 400	91/2.36	25.96	-	1.4	1.9	33.6	0.0475	4153	250	790
521-6826	1C x 500	91/2.65	29.15	-	1.4	2.1	37.2	0.0369	5194	250	890
521-6827	1C x 630	127/2.52	32.78	-	1.5	2.2	41.4	0.0286	6542	250	970

