



TABLE B1 : Singlecore Cables

Application

- Surface ships and Submarines
- Ship systems & equipments and weapon systems & equipments.
- Used in applications where fuel and lubricating oils, hydraulic fluids and water are present.

Product Construction

- Conductor : Circular Electroplated, annealed tinned copper wire (Class 2) complying with BS : 6360
- Insulation : Dual extrusion (Type GP 5 / LFH)
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material .

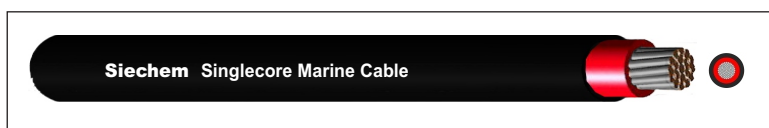
Technical Data

- Temperature Range : - 35°C to +105°C
- Rated Voltage (U₀/U) : 440 V
- Test Voltage : 1.5/3 kV
- Bending Radius(Min) : 6 x Cable Diameter
- Specification : DEF Stand 02-256 issue-2

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 A
	Nominal Cross section Area (mm ²)	Stand (mm)	Diameter (mm)			Min.	Max.				
521-8252	1.0	7/0.44	1.32	0.8	1.0	4.9	5.9	18.2	41	500	15
521-8253	1.5	7/0.53	1.59	0.8	1.0	5.1	6.1	12.2	44	500	20
521-8254	2.5	7/0.67	2.01	0.8	1.0	5.6	6.6	7.56	58	500	29
521-8255	4.0	7/0.85	2.55	1.0	1.0	6.5	7.5	4.70	84	500	38
521-8256	6.0	7/1.04	3.12	1.0	1.0	7.1	8.1	3.11	108	500	48
521-8257	10	7/1.35	4.05	1.2	1.1	8.6	9.6	1.84	166	500	70
521-8258	16	7/1.70	5.10	1.2	1.1	9.6	10.8	1.16	231	500	88
521-8259	25	19/1.35	6.75	1.4	1.2	11.9	13.1	0.734	368	500	123
521-8260	35	19/1.53	7.65	1.4	1.2	12.8	14.0	0.529	457	500	145
521-8261	50	19/1.78	8.90	1.6	1.3	14.7	15.9	0.391	603	500	176
521-8262	70	19/2.14	10.70	1.6	1.4	16.7	17.9	0.270	826	500	220
521-8263	95	37/1.78	12.46	1.8	1.4	18.8	20.0	0.195	1088	500	277
521-8264	120	37/2.03	14.21	1.8	1.5	20.8	22.4	0.154	1389	500	334
521-8265	150	37/2.25	15.75	2.0	1.6	22.9	24.5	0.126	1694	500	370
521-8266	185	37/2.52	17.64	2.2	1.7	25.4	27.0	0.100	2111	500	422
521-8267	240	61/2.25	20.25	2.4	1.8	28.6	30.2	0.0762	2600	250	493
521-8268	300	61/2.52	22.68	2.6	1.9	31.6	33.5	0.0607	3421	250	581
521-8269	400	91/2.36	25.96	2.8	2.1	35.7	37.6	0.0475	4458	250	695
521-8270	500	91/2.65	29.15	3.0	2.2	39.4	41.6	0.0369	5556	250	783
521-8271	630	127/2.52	32.76	3.0	2.3	43.3	45.5	0.0286	6900	250	853

