



TABLE C3 : Multicore 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
- Laying up
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material - Black.

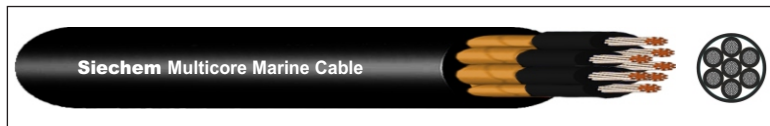
Technical Data

- Temperature Range : - 30°C to +105°C
- Rated Voltage (U_r/U) : 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						
521-6856	7C x 16	19/1.04	5.20	0.9	-	1.8	29.5	1.16	1920	250	60
521-6857	7C x 25	19/1.35	6.75	-	1.1	2.0	35.3	0.734	2846	250	84
521-6858	7C x 35	19/1.53	7.65	-	1.1	2.1	38.6	0.529	3506	250	90
521-6859	7C x 50	19/1.78	8.90	-	1.1	2.3	43.3	0.391	3983	250	120
521-6860	7C x 70	19/2.14	10.70	-	1.1	2.5	49.8	0.270	5894	250	150
521-6861	14C x 4.0	7/0.85	2.55	0.6	-	1.5	22.5	4.70	987	250	22
521-6862	14C x 6.0	7/1.04	3.12	0.7	-	1.7	26.3	3.11	1332	250	25
521-6863	14C x 10	19/0.85	4.25	0.9	-	1.9	33.7	1.84	2413	250	40
521-6864	14C x 16	19/1.04	5.20	0.9	-	2.1	38.3	1.16	3390	250	50
521-6865	14C x 25	19/1.35	6.75	-	1.1	2.4	45.9	0.734	4980	250	70
521-6866	14C x 35	19/1.53	7.65	-	1.1	2.5	50.1	0.529	5875	250	80
521-6867	18C x 6.0	7/1.04	3.12	0.7	-	1.8	29.4	3.11	7820	250	25
521-6868	18C x 10	19/0.85	4.25	0.9	-	2.1	37.8	1.84	3904	250	36
521-6869	18C x 16	19/1.04	5.20	0.9	-	2.3	43.2	1.16	4380	250	45
521-6870	30C x 1.5	7/0.53	1.59	0.5	-	1.6	23.6	12.2	980	250	9
521-6871	30C x 2.5	7/0.67	2.01	0.6	-	1.7	27.7	7.56	1400	250	13
521-6872	30C x 4	7/0.85	2.55	0.6	*-	1.9	31.8	4.70	1999	250	17
521-6873	30C x 6	7/1.04	3.12	0.7		2.1	37.1	3.11	2760	250	22
521-6874	30C x 10	19/0.85	4.25	0.9		2.5	48.0	1.84	4928	250	32

