



## TABLE C4 : Twin and 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)
- Protective Tape : Glass Mica Tape
- Laying up
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material - Black.

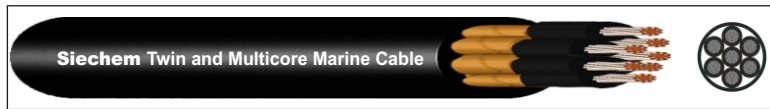
### Technical Data

- Temperature Range : - 30°C to +105°C
- Rated Voltage (U<sub>i</sub>/U) : 440 V
- Test Voltage : 1.5 kV
- Bending Radius(Min) : 6 x Cable Diameter
- Specification : Def Stand 02-527

### Features

- Limited Fire Hazard
- Halogen free

<b>ISO 9001</b>	<b>ISO 14001</b>	<b>AS 9100</b>	<b>ISO 45001</b>	<b>CE</b>



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
	No. of Cores mm <sup>2</sup>	Stand (mm)	Diameter (mm)							
521-6828	2C x 1.0	7/0.44	1.32	0.5	1.2	8.6	18.2	76	500	14
521-6840	3C x 1.0	7/0.44	1.32	0.5	1.2	9.1	18.2	96	500	12
521-6877	4C x 1.0	7/0.44	1.32	0.5	1.2	9.8	18.2	129	500	12
521-6878	5C x 1.0	7/0.44	1.32	0.5	1.2	10.8	18.2	159	500	10
521-6879	7C x 1.0	7/0.44	1.32	0.5	1.2	12.4	18.2	196	500	10
521-6880	10C x 1.0	7/0.44	1.32	0.5	1.2	14.2	18.2	239	500	9
521-6881	14C x 1.0	7/0.44	1.32	0.5	1.3	15.5	18.2	348	500	9
521-6882	18C x 1.0	7/0.44	1.32	0.5	1.3	17.2	18.2	400	250	8
521-6883	24C x 1.0	7/0.44	1.32	0.5	1.4	20.1	18.2	556	250	8
521-6884	30C x 1.0	7/0.44	1.32	0.5	1.5	21.7	18.2	670	250	7
521-6885	36C x 1.0	7/0.44	1.32	0.5	1.5	23.2	18.2	798	250	7
521-6886	44C x 1.0	7/0.44	1.32	0.5	1.6	26.2	18.2	960	250	5
521-6830	2C x 2.5	7/0.67	2.01	0.6	1.2	10.4	7.56	168	500	27
521-6842	3C x 2.5	7/0.67	2.01	0.6	1.2	11.1	7.56	205	500	23
521-6889	4C x 2.5	7/0.67	2.01	0.6	1.2	12.0	7.56	255	250	20
521-6890	5C x 2.5	7/0.67	2.01	0.6	1.2	13.0	7.56	323	250	20
521-6891	7C x 2.5	7/0.67	2.01	0.6	1.3	15.6	7.56	419	250	20
521-6892	10C x 2.5	7/0.67	2.01	0.6	1.4	18.21	7.56	544	250	17
521-6893	14C x 2.5	7/0.67	2.01	0.6	1.4	19.7	7.56	697	250	17
521-6894	18C x 2.5	7/0.67	2.01	0.6	1.5	22.2	7.56	910	250	15
521-6895	24C x 2.5	7/0.67	2.01	0.6	1.7	26.2	7.56	1171	250	15
521-6871	30C x 2.5	7/0.67	2.01	0.6	1.7	27.7	7.56	1400	250	13
521-6897	36C x 2.5	7/0.67	2.01	0.6	1.8	30.0	7.56	1600	250	13
521-6898	44C x 2.5	7/0.67	2.01	0.6	2.0	34.2	7.56	2042	250	13
521-6831	2C x 4.0	7/0.85	2.55	0.6	1.2	11.6	4.70	217	500	34
521-6843	3C x 4.0	7/0.85	2.55	0.6	1.2	12.2	4.70	260	500	30
521-6901	4C x 4.0	7/0.85	2.55	0.6	1.2	13.3	4.70	330	250	30
521-6902	5C x 4.0	7/0.85	2.55	0.6	1.2	14.5	4.70	423	250	26
521-6903	7C x 4.0	7/0.85	2.55	0.6	1.4	17.7	4.70	580	250	26
521-6904	10C x 4.0	7/0.85	2.55	0.6	1.5	20.6	4.70	752	250	22





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	No. of Cores mm <sup>2</sup>	Stand (mm)	Diameter (mm)							
521-6861	14C x 4.0	7/0.85	2.55	0.6	1.5	22.5	4.70	987	250	22
521-6906	18C x 4.0	7/0.85	2.55	0.6	1.6	25.1	4.70	125	250	20
521-6907	24C x 4.0	7/0.85	2.55	0.6	1.8	29.7	4.70	1610	250	20
521-6872	30C x 4.0	7/0.85	2.55	0.6	1.9	31.8	4.70	1999	250	17
521-6909	36C x 4.0	7/0.85	2.55	0.6	2.0	34.4	4.70	2360	250	17

