



## TABLE B10 : Multicore Cables, Cores Collectively Screened

### 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 : Dual extrusion (Type GP 5 / LFH)
- Laying up
- Binder Tape : Polyethylene Teraphthalate
- Braiding : Annealed Tinned Copper braid (95% Coverage)
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material.

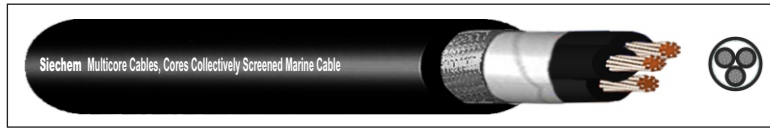
### Technical Data

- Temperature Range : - 35°C to +105°C
- Rated Voltage (U<sub>0</sub>/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

<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
	No. of Cores mm <sup>2</sup>	Stand (mm)	Diameter (mm)			Min.	Max.				
521-8463	2C x 4.0	7/0.85	2.55	1.0	1.2	12.8	14.2	4.70	303	250	30
521-8464	2C x 16	7/1.70	5.10	1.2	1.5	19.8	21.6	1.16	817	250	70
521-0227	3C x 10	7/1.35	4.05	1.2	1.4	18.0	19.8	1.84	630	250	49
521-0228	3C x 16	7/1.70	5.10	1.2	1.5	21.0	23.0	1.16	950	250	62
521-0229	3C x 25	19/1.35	6.75	1.4	1.7	25.8	27.8	0.734	1400	250	86
521-0230	3C x 35	19/1.53	7.65	1.4	1.8	27.9	29.9	0.529	1884	250	102
521-0231	3C x 50	19/1.78	8.90	1.6	1.9	32.2	34.6	0.391	2596	250	123
521-8530	4C x 1.0	32/0.20	1.32	1.6	1.3	14.7	16.3	20.0	300	500	11
521-8466	4C x 2.5	7/0.67	2.01	0.8	1.2	12.4	13.8	7.56	301	250	20
521-8531	4C x 6.0	84/0.30	3.3	2.5	1.7	-	27.2	3.39	997	500	34
531-7042	19C x 0.5	16/0.2	0.93	0.8	1.4	17.6	19.2	40.1	397	250	5
531-7043	27C x 0.5	16/0.2	0.93	0.8	1.5	20.4	22.4	40.1	655	250	4
531-7044	37C x 0.5	16/0.2	0.93	0.8	1.6	23.6	25.6	40.1	737	250	4

