



## TABLE B8 : Multicore Cables Specially Flexing Cables, 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 flexible copper wire (Class 5) complying with BS : 6360
- Insulation : Dual extrusion (Type GP 5 / LFH)
- Binder Tape : Polyethylene Teraphthalate
- 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 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 A
	No. of Cores mm <sup>2</sup>	Stand (mm)	Diameter (mm)			Min.	Max.				
521-8509	2C x 2.5	50/0.25	2.00	0.9	-	-	13.8	8.37	259	500	23
521-8510	3C x 1.0	32/0.20	1.32	0.8	1.1	10.9	12.3	20.4	218	500	11
521-8511	3C x 2.5	50/0.25	2.00	0.9	1.2	13.0	14.4	8.37	302	500	20
521-8512	4C x 2.5	50/0.25	2.00	0.9	1.3	14.2	15.6	8.37	385	500	20
521-8513	8C x 0.75	24/0.20	1.14	0.8	1.4	17.1	18.7	27.23	476	500	8

