



TABLE C8 : Multicore 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 copper wire (Class 2) complying with BS : 6360
- Insulation : Silicone Rubber (Type E)
- Protective Tape : Glass Mica Tape
- Laying up
- Collective Braid : Annealed Tinned Copper (braid 95% Coverage)
- Binder Tape : Polyethylene Terephthalate
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material - Black.

Technical Data

- Temperature Range : - 30°C to +105°C
- Rated Voltage (U₀/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

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)							
521-6910	2C x 1.0	7/0.44	1.32	0.5	1.2	9.2	18.2	104	250	13
521-6928	8C x 1.0	7/0.44	1.32	0.5	1.2	14.4	18.2	292	250	9
521-6929	12C x 1.0	7/0.44	1.32	0.5	1.3	16.0	18.2	349	250	9
521-6930	14C x 1.0	7/0.44	1.32	0.5	1.3	16.7	18.2	432	250	9
521-6931	4C x 2.5	7/0.67	2.01	0.6	1.2	13.0	7.56	278	250	21
521-6932	2C x 4.0	7/0.85	2.55	0.6	1.2	12.6	4.70	249	250	34
521-6933	6C x 1.0	7/0.44	1.32	0.5	1.5	21.1	18.2	653	250	10
	8C x 2.5	7/0.67	2.01	0.6			7.56			
521-5869	2C x 1.0	19/0.85	4.25	0.9	1.4	17.7	1.84	550	250	63

