



TABLE B3 : Singlecore Cables - Low Capacitance

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)
- Braiding : Annealed Tinned Copper braid (95% Coverage)
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material .

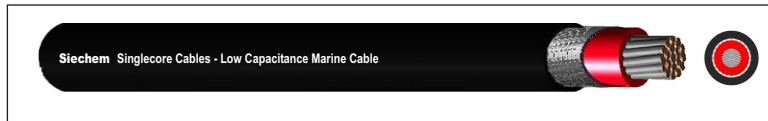
Technical Data

- Temperature Range : - 35°C to +105°C
- Rated Voltage (U₀/U) : 440 V
- Test Voltage : 6 kV
- Bending Radius(Min) : 6 x Cable Diameter
- Specification : DEF Stand 02-256 issue-2

Features

- Limited Fire Hazard
- Halogen free
- Low Capacitance

ISO 9001	ISO 14001	AS 9100	ISO 45001	CE



Part Number	Conductor			Insulation Thickness (mm)	Diameter Over Insulation		Tinned Copper Braid		Diameter Over Sheath		Max. Conductor Resistance at 20°C (Ω/km)	Total Weight approx. Kg/Km	Length on Drum	
	Number of Cores mm ²	Stand (mm)	Diameter (mm)		Min.	Max.	Size mm .	Diameter Over Braid		Min.				Max.
								Min.	Max.					
521-8526	1C x 1.0	32/0.20	1.32	2.8	6.9	7.9	-	-	-	-	20.0	140	100	
521-8527	1C x 1.0	32/0.20	1.32	2.8	-	7.3	0.2	7.9	8.9	-	20.0	163	100	
521-8528	1C x 1.0	32/0.20	1.32	2.8	-	7.3	0.2	-	8.3	12.5	13.7	173	500	
521-8529	1C x 2.5	7/0.67	2.01	2.2	6.4	7.4	-	-	-	-	7.56	169	100	

