



TABLE C13 : Multipair Cables - Individually and Collectively Screened 0.35mm²

Application

- Power, Lightning, 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 : Limited Fire Hazard Compound
- Cores laid up
- Individual Screen : Annealed Tinned Copper braid (95% Coverage)
- Pairs laid up
- Collective Screen : Annealed Tinned Copper braid (95% Coverage)
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material .

Technical Data

- Temperature Range : - 29°C to +85°C
- Rated Voltage (U₀/U) : 600 V
- Test Voltage : 1.5 kV
- Bending Radius
- Flexing : 10 x Cable Diameter
- Fixed : 4 x Cable Diameter
- Specification : NES 525

Features

- Limited Fire Hazard
- Halogen free

ISO 9001	ISO 14001	AS 9100	ISO 45001	CE



Part Number	Number of Pairs and mm ² Per Conductor	Nominal Diameter Over Cores (mm)	Diameter of Collective screen wire (mm)	Nominal Diameter of Over collective screen (mm)	Radial Thickness of Sheath	Outer Diameter in (mm)		Max. Conductor Resistance at 20°C (Ω/km)	Total Weight (approx.) (Kg/Km)
						Min	Max		
743-0528	3P x 0.25	7.02	0.15	7.95	1.1	9.75	11.60	58.9	220
743-0529	5P X 0.25	8.78	0.15	9.75	1.2	11.60	13.50	58.9	315
743-0530	7P x 0.25	9.75	0.15	10.70	1.2	12.50	14.70	58.9	400
743-0531	12P x 0.25	13.52	0.15	14.50	1.4	16.45	18.80	58.9	625
743-0532	19P x 0.25	16.25	0.25	17.70	1.5	19.70	22.60	58.9	975
743-0533	27P x 0.25	20.02	0.25	21.50	1.7	23.65	26.70	58.9	1330

