



## TABLE C11 : Multipair Cables - Individually Screened 0.35mm<sup>2</sup>

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

### Technical Data

- Temperature Range : - 29°C to +85°C
- Rated Voltage (U<sub>0</sub>/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 <sup>2</sup> Per Conductor	Nominal Diameter Over Cores (mm)	Radial Thickness of Sheath (mm)	Outer Diameter in (mm)		Max. Conductor Resistance at 20°C (Ω/km)	Total Weight approx. (Kg/Km)
				Min	Max		
743-0520	1P x 0.35	3.20	1.0	4.80	6.30	58.9	50
743-0521	3P x 0.35	7.02	1.1	8.80	10.40	58.9	130
743-0522	5P x 0.35	8.78	1.2	10.65	12.50	58.9	200
743-0523	7P x 0.35	9.75	1.2	11.55	13.50	58.9	260

