



## TABLE C7 : Multicore Cables - Collectively 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
- Laying up
- Collective Screen : Annealed Tinned Copper braid (95% Coverage)
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material .

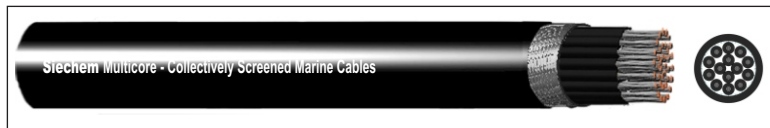
### Technical Data

- Temperature Range : - 29°C to +85°C
- Rated Voltage (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 Cores and mm <sup>2</sup> Per Conductor	Nominal Diameter Over Cores (mm)	Diameter of Collective screen wire (mm)	Nominal Diameter of Over collective screen (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		
743-0493	2C x 0.35	2.30	0.10	3.00	1.0	4.80	6.30	58.9	50
743-0494	3C x 0.35	2.48	0.10	3.18	1.0	4.95	6.50	58.9	57
743-0495	7C x 0.35	3.45	0.12	4.25	1.0	5.95	7.55	58.9	98
743-0496	14C x 0.35	5.08	0.12	5.88	1.1	7.65	9.40	58.9	160
743-0497	19C x 0.35	5.75	0.12	6.55	1.1	8.25	10.05	58.9	190
743-0498	24C x 0.35	6.90	0.12	7.70	1.1	9.30	11.40	58.9	220
743-0499	37C x 0.35	8.05	0.12	8.85	1.2	10.55	12.75	58.9	295
743-0500	44C x 0.35	9.20	0.15	10.15	1.2	11.75	14.05	58.9	375

