



TABLE C10 : Multipair Cables - Collectively Screened 1.0mm²

Application	Product Construction	Technical Data										
■ 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.	■ Conductor : Circular Electroplated, annealed tinned flexible copper wire (Class 5) complying with BS : 6360 ■ Insulation : Limited Fire Hazard Compound ■ Pairs laid up ■ Collective Screen : Annealed Tinned Copper braid (95% Coverage) ■ Outer Sheath : Limited Fire Hazard complying with NES 518 Material.	■ 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		<table><tr><td>ISO 9001</td><td>ISO 14001</td><td>AS 9100</td><td>ISO 45001</td><td>CE</td></tr><tr><td></td><td></td><td></td><td> Lloyd's Register</td><td></td></tr></table>	ISO 9001	ISO 14001	AS 9100	ISO 45001	CE				 Lloyd's Register	
ISO 9001	ISO 14001	AS 9100	ISO 45001	CE								
			 Lloyd's Register									



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 (mm)	Outer Diameter in (mm)		Max. Conductor Resistance at 20°C (Ω/km)	Total Weight (approx.) (Kg/Km)
						Min	Max		
743-0514	1P x 1.0	3.30	0.1	4.00	1.0	5.80	7.30	22.2	90
743-0515	3P x 1.0	6.06	0.12	6.86	1.1	8.70	10.35	22.2	175
743-0641	5P x 1.0	7.57	0.12	8.37	1.2	10.30	12.25	22.2	245
743-0516	7P x 1.0	8.42	0.12	9.22	1.2	11.10	13.10	22.2	300
743-0517	12P x 1.0	11.65	0.15	12.60	1.3	14.50	16.55	22.2	500
743-0518	19P x 1.0	14.03	0.15	14.98	1.4	16.95	19.05	22.2	700
743-0519	27P x 1.0	17.28	0.15	18.23	1.5	20.20	22.80	22.2	980