



TABLE B7 : Multicore Specially Flexing Cables

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)
- Binder Tape : Polyethylene Teraphthalate
- Laying up
- Binder Tape : Polyethylene Teraphthalate
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material.

Technical Data

- Temperature Range : - 35°C to +105°C
- Rated Voltage (U_i/U_o) : 440 V
- Test Voltage : 1.5/3 kV
- Bending Radius(Min) : 6 x Cable Diameter
- Specification : DEF Stand 02-256 issue-2

Features

- Limited Fire Hazard
- Halogen free

ISO 9001	ISO 14001	AS 9100	ISO 45001	CE



Part Number	Conductor			Insulation Thickness (mm)	Sheath Thickness (mm)	Diameter Overall (mm)		Max. Conductor Resistance at 20°C (Ω/km)	Total Weight approx. Kg/Km	Length on Drum	Current Carrying Capacity A
	No. of Cores mm ²	Stand (mm)	Diameter (mm)			Min.	Max.				
521-8486	2C x 1.0	32/0.20	1.32	0.8	1.0	8.1	9.1	20.4	88	500	12
521-8487	2C x 1.5	30/0.25	1.60	0.8	1.0	8.7	9.9	13.97	105	500	16
521-8488	2C x 2.5	30/0.25	2.00	0.9	1.1	10.1	11.3	8.37	147	500	23
521-8345	2C x 4.0	56/0.30	2.60	1.0	1.2	11.9	13.1	5.19	225	500	31
521-8489	3C x 2.5	50/0.25	2.00	0.9	1.1	10.7	11.9	8.37	180	500	20
521-8351	3C x 4.0	56/0.30	2.60	1.0	1.2	12.6	13.8	5.19	329	500	26.4
521-8490	3C x 6.0	84/0.30	3.60	1.0	1.3	-	16.4	3.46	380	500	34
521-8491	3C x 16	126/0.40	5.70	1.2	1.8	-	30.7	1.27	1096	100	61
521-8492	3C x 35	276/0.40	8.50	1.4	2.1	-	38.7	0.576	1988	100	102
521-8493	3C x 95	475/0.50	14.50	1.8	2.7	-	55.9	0.214	4583	100	194
521-8494	4C x 2.5	50/0.25	2.00	0.9	1.2	11.9	13.1	8.37	235	500	20
521-8495	4C x 4.0	56/0.30	2.60	1.0	1.3	14.0	15.2	5.19	342	500	26
521-8496	5C x 2.5	50/0.25	2.00	0.9	1.2	12.9	14.1	8.37	284	500	17
521-8497	8C x 1.5	30/0.25	1.60	0.8	1.3	15.7	17.0	5.19	349	500	12
521-8500	10C x 2.5	50/0.25	2.00	0.9	1.5	19.6	21.2	8.37	588	500	15
521-8501	10C x 4.0	56/0.25	2.60	1.0	1.6	23.1	24.7	5.19	860	500	19
521-8502	15C x 1.5	30/0.25	1.60	0.8	1.5	19.6	21.2	8.37	582	500	10
521-8503	15C x 2.5	50/0.25	2.00	0.9	1.6	22.7	24.3	5.19	837	500	15
521-8504	22C x 1.5	30/0.25	1.60	0.8	1.6	24.5	26.1	13.97	864	500	9
521-8505	22C x 2.5	50/0.25	2.00	0.9	1.8	28.5	30.1	8.37	1248	500	13
521-8506	30C x 1.5	30/0.25	1.60	0.8	1.7	26.1	27.7	13.97	1064	500	8
521-8507	30C x 2.5	50/0.25	2.00	0.9	1.9	30.4	32.3	8.37	1562	500	12
521-8508	36C x 2.5	50/0.25	2.00	0.9	2.0	33.0	34.9	8.37	1880	500	12

