



TABLE B2 : Singlecore Flexible 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)
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material .

Technical Data

- Temperature Range : - 35°C to +105°C
- Rated Voltage (U_0/U) : 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

Siechem Singlecore Flexible Marine Cable

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
	Nominal Cross sectional (Sq.mm)	Stand (mm)	Diameter (mm)			Min.	Max.				
521-8326	1.0	32/0.20	1.32	0.8	0.8	4.5	5.3	20.0	34	500	15
521-8327	1.5	30/0.25	1.60	0.8	0.8	4.8	5.7	13.7	39	500	20
521-8328	2.5	50/0.25	2.00	0.9	0.8	5.4	6.3	8.21	53	500	29
521-8329	4.0	56/0.30	2.60	1.0	0.8	6.2	7.1	5.09	77	500	38
521-8330	6.0	84/0.30	3.30	1.0	1.0	-	8.3	3.39	110	500	48
521-8331	10	80/0.40	4.20	1.2	1.1	-	9.8	1.95	174	500	70
521-8332	16	126/0.40	5.30	1.2	1.1	-	10.9	1.24	245	500	88
521-8333	25	196/0.40	7.10	1.4	1.2	-	13.5	0.795	360	500	123
521-8334	35	276/0.40	8.50	1.4	1.2	-	14.9	0.565	505	500	145
521-8335	50	396/0.40	10.30	1.6	1.3	-	17.4	0.373	663	500	176
521-8336	70	360/0.50	12.40	1.6	1.4	-	19.7	0.277	910	500	220
521-8337	95	475/0.50	14.50	1.8	1.5	-	22.7	0.210	1128	500	277
521-8484	150	756/0.50	18.00	2.0	1.7	-	27.0	0.132	1853	500	370
521-8485	185	925/0.50	20.00	2.2	1.8	-	29.6	0.108	2172	500	422
521-8338	240	1221/0.50	23.00	2.4	1.9	-	33.5	0.0817	2812	500	493
521-2806	300	1525/0.50	26.00	2.6	2.0	-	37.2	0.0654	3650	250	580
521-8339	630	2257/0.60	37.00	3.0	2.5	-	50.2	0.0292	7075	250	853

