



TABLE C2 : Twin and Three Core 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.

Features



- Limited Fire Hazard
- Halogen free

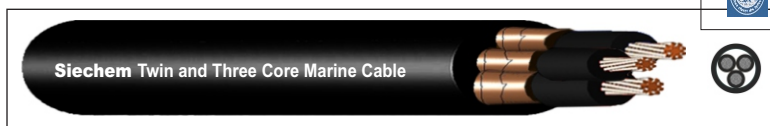
Product Construction

- Conductor : Circular Electroplated, annealed tinned copper wire (Class 2) complying with BS : 6360
- Insulation : Silicone Rubber (Type E / Type T)
- Protective Tape : Glass Mica Tape
- Laying up
- Outer Sheath : Limited Fire Hazard complying with NES 518 Material - Black.

Technical Data

- Temperature Range : - 30°C to +105°C
- Rated Voltage (U_i/U) : 440 V
- Test Voltage : 1.5/3.5 kV
- Bending Radius(Min) : 6 x Cable Diameter
- Specification : Def stand 02-527

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)	Weight approx. Kg/Km	Length on Drum	Current Carrying Capacity A
	No. of Cores mm ²	Stand (mm)	Diameter (mm)	Type E	Type T						
521-6828	2 x 1.0	7/0.44	1.32	0.5	-	1.2	8.6	18.2	76	500	14
521-6829	2 x 1.5	7/0.53	1.59	0.5	-	1.2	9.1	12.2	124	500	18
521-6830	2 x 2.5	7/0.67	2.01	0.6	-	1.2	10.4	7.56	168	500	27
521-6831	2 x 4.0	7/0.85	2.55	0.6	-	1.2	11.6	4.70	217	500	34
521-6832	2 x 6.0	7/1.04	3.12	0.7	-	1.2	13.1	3.11	296	500	44
521-6833	2 x 10	19/0.85	4.25	0.9	-	1.3	16.5	1.84	487	250	63
521-6834	2 x 16	19/1.04	5.20	0.9	-	1.4	18.6	1.16	663	250	80
521-6835	2 x 25	19/1.35	6.75	-	1.1	1.5	22.1	0.734	845	250	112
521-6836	2 x 35	19/1.53	7.65	-	1.1	1.6	24.1	0.529	1030	250	132
521-6837	2 x 50	19/1.78	8.90	-	1.1	1.7	26.8	0.391	1334	250	160
521-6838	2 x 70	19/2.14	10.70	-	1.1	1.8	30.6	0.270	2400	250	200
521-6839	2 x 95	37/1.78	12.46	-	1.4	2.0	35.9	0.195	2484	250	250
521-6840	3 x 1.0	7/0.44	1.32	0.5	-	1.2	9.1	18.2	94	500	12
521-6841	3 x 1.5	7/0.53	1.59	0.5	-	1.2	9.6	12.2	136	500	16
521-6842	3 x 2.5	7/0.67	2.01	0.6	-	1.2	11.1	7.56	205	500	23
521-6843	3 x 4.0	7/0.85	2.55	0.6	-	1.2	12.2	4.70	260	500	30
521-6844	3 x 6.0	7/1.04	3.12	0.7	-	1.2	13.9	3.11	361	500	39
521-6845	3 x 10	19/0.85	4.25	0.9	-	1.4	17.7	1.84	630	250	55
521-6846	3 x 16	19/1.04	5.20	0.9	-	1.4	19.7	1.16	818	250	70
521-6847	3 x 25	19/1.35	6.75	-	1.1	1.6	23.7	0.734	1385	250	98
521-6848	3 x 35	19/1.53	7.65	-	1.1	1.6	25.6	0.529	1650	250	116
521-6849	3 x 50	19/1.78	8.90	-	1.1	1.8	28.7	0.391	1822	250	140
521-6850	3 x 70	19/2.14	10.70	-	1.1	1.9	33.0	0.270	2442	250	175
521-6851	3 x 95	37/1.78	12.46	-	1.4	2.1	38.5	0.195	3820	250	220
521-6852	3 x 120	37/2.03	14.21	-	1.4	2.3	42.9	0.154	4575	250	266
521-6853	3 x 150	37/2.25	15.75	-	1.4	2.4	46.4	0.126	5480	250	294
521-6854	3 x 185	37/2.52	17.64	-	1.4	2.6	50.9	0.100	6400	250	336
521-6855	3 x 240	61/2.25	20.25	-	1.4	2.8	57.1	0.0762	8788	250	392

