



TABLE C2 : TWIN AND THREE CORE CABLES

Application

- Power, Lightning, Control & Communication and Instrumentation circuits in surface ships and submarines.
- Used in fuel and lubrication oils, hydraulic fluids and water surfaces.

Features

- Fire retardant
- Halogen free

Product Construction

- Conductor : Circular Electroplated, annealed tinned flexible copper wire (Class 5) complying with IS : 8130 -1984
- Insulation : Electron Beam Cross Linked Silicone Rubber Compound
- Protective Tape : Glass Braid / Lacquer
- Binder Tape : Glass Mica Tape
- Outer Sheath : Electron Beam Cross Linked Polyolefin Compound

Technical Data

- Temperature Range : - 30°C to +120°C
- Rated Voltage (U₀/U) : 440 V
- Test Voltage : 2-3.5 kV
- Bending Radius(Min)
- Flexing : 10 x Cable Diameter
- Fixed : 4 x Cable Diameter
- Specification : EED 50-13 (Rev 2)



Part Number	Number of Cores and mm ² Per Conductor	No. of Wires (Typical Value) x Single Wire Dia. (max)	Overall Diameter in (Nom.) (mm)	Max. Conductor Resistance at 20°C (Ω/km)	Current Rating (Amps)	Approx. Weight of Cable (Kg/Km)
N5013-6828A1	2C x 0.75	24/0.21	8.2	26.7	13.6	80
N5013-6828	2C x 1	32/0.21	8.6	20.0	18.5	90
N5013-6829	2C x 1.5	30/0.26	9.0	13.7	26.4	124
N5013-6830	2C x 2.5	50/0.26	10.4	8.21	34.4	168
N5013-6831	2C x 4	56/0.31	11.5	5.09	44.0	217
N5013-6832	2C x 6	84/0.31	13.1	3.39	63.2	296
N5013-6833	2C x 10	80/0.41	16.2	1.95	80.0	450
N5013-6834	2C x 16	126/0.41	19.0	1.24	112	663
N5013-6835	2C x 25	189/0.41	22.2	0.795	132	845
N5013-6836	2C x 35	259/0.41	24.4	0.565	160	1030
N5013-6837	2C x 50	378/0.41	28.0	0.393	200	1450
N5013-6838	2C x 70	348/0.51	32.2	0.277	252	2150
N5013-6839	2C x 95	456/0.51	36.8	0.210	304	2484
N5013-6840A1	3C x 0.75	24/0.21	8.5	26.7	11.9	95
N5013-6840	3C x 1	32/0.21	9.1	20.0	16.1	115
N5013-6841	3C x 1.5	30/0.26	9.5	13.7	23.1	138
N5013-6842	3C x 2.5	50/0.26	11.1	8.21	30.1	205
N5013-6843	3C x 4	56/0.31	12.1	5.09	38.5	260
N5013-6844	3C x 6	84/0.31	13.9	3.39	55.3	361
N5013-6845	3C x 10	80/0.41	17.4	1.95	70.0	590
N5013-6846	3C x 16	126/0.41	20.1	1.24	98.0	818
N5013-6847	3C x 25	189/0.41	23.8	0.795	115	1200
N5013-6848	3C x 35	259/0.41	25.9	0.565	140	1575
N5013-6849	3C x 50	378/0.41	30.0	0.393	175	1822
N5013-6850	3C X 70	348/0.51	34.7	0.277	220	2442
N5013-6851	3C x 95	456/0.51	39.5	0.210	266	3820
N5013-6852	3C x 120	570/0.51	44.2	0.164	294	4575
N5013-6853	3C x 150	741/0.51	48.7	0.132	336	5480
N5013-6854	3C x 185	893/0.51	52.8	0.108	392	6400
N5013-6855	3C x 240	1184/0.51	58.7	0.082	462	8788

