

Inshore Patrol Vessels

Cable construction should be Annealed, tinned , Copper conductor as per IEC Standards - IEC : 60092-350 & IEC: 60092-353. Cross-linked Polyethylene or EPR (conf to IEC : 60092-351) insulated. Only Outer Sheathing conf to IEC : 60092-359, Fire Resistant Cable: Generally to IEC : 60331-21.

Sl. No.	Cable Sizes		
1	1C X 95 Sq. mm		
2	1C X 25 Sq. mm		
3	1C X 16 Sq. mm		
4	3C X 25 Sq. mm		
5	3C X 16 Sq. mm		
6	3C X 16 Sq. mm (FR)		
7	3C X 10 Sq. mm		
8	3C X 10 Sq. mm (FR)		
9	3C X 6 Sq. mm		
10	3C X 4 Sq. mm		
11	3C X 2.5 Sq. mm		
12	3C X 2.5 Sq. mm (FR)		
13	3C X 1.5 Sq. mm		
14	3C X 1.5 Sq. mm (FR)		
15	2C X 6 Sq. mm		
16	2C X 4 Sq. mm		
17	2C X 2.5 Sq. mm		
18	2C X 2.5 Sq. mm (FR)		
19	12C X 1.5 Sq. mm		
20	18C X 1 Sq. mm		
21	16C X 1 Sq. mm		
22	2C X 1 Sq. mm		
23	2C X 1.5 Sq. mm		
24	2C X 1.5 Sq. mm (FR)		
25	2C X 2.5 Sq. mm (FR)		
26	20C X 1 Sq. mm		
27	3C X 1 Sq. mm		
28	4C X 1.5 Sq. mm		
29	4C X 1 Sq. mm		
30	4C X 2.5 Sq. mm		
31	6C X 1 Sq. mm		
32	5C X 1 Sq. mm		
33	5C X 1.5 Sq. mm		
34	60C X 1 Sq. mm		
35	37C X 1 Sq. mm		
36	8C X 1.5 Sq. mm		
37	10C X 1.5 Sq. mm		
38	10C X 1 Sq. mm		
39	9C X 1 Sq. mm		
40	9C X 2.5 Sq. mm		
41	9C X 1.5 Sq. mm		

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Sl. No.	Cable Sizes		
42	7C X 1.5 Sq. mm		
43	7C X 1 Sq. mm		
44	2 X 1.5 Sq. mm (Cabin Wiring)		
45	14 X 2 X 0.75 Sq. mm		
46	12 X 2 X 0.75 Sq. mm		
47	10 X 2 X 0.75 Sq. mm		
48	9 X 2 X 0.75 Sq. mm		
49	7 X 2 X 0.75 Sq. mm		
50	6 X 2 X 0.75 Sq. mm		
51	5 X 2 X 0.75 Sq. mm		
52	3 X 2 X 0.75 Sq. mm		
53	2 X 2 X 0.75 Sq. mm		
54	1 X 2 X 0.75 Sq. mm		
55	14 X 2 X 0.75 Sq. mm (IS)		
56	12 X 2 X 0.75 Sq. mm (IS)		
57	10 X 2 X 0.75 Sq. mm (IS)		
58	9 X 2 X 0.75 Sq. mm (IS)		
59	7 X 2 X 0.75 Sq. mm (IS)		
60	6 X 2 X 0.75 Sq. mm (IS)		
61	5 X 2 X 0.75 Sq. mm (IS)		
62	3 X 2 X 0.75 Sq. mm (IS)		
63	2 X 2 X 0.75 Sq. mm (IS)		
Note:	Power Cable & Control Cable : 0.6KV / 1.1 KV		
	Telephone Cable: 150 V / 250 V		
	Cabin Wiring : 250 V		
	Overall braided with ATC wire for Power Cables, Control Cables and Telephone Cables		
	FR - Fire Resistance		
	IS - Individual Screening		
Makes:	As per Indian Navy & Coast Guard Approved Vendors		
Certificate:	ABS / DNV / BV Etc., Type Approval Certificate is must		

Bulk Carriers

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Sl. No.	Cable Sizes		
1	1 C X 50 Sq mm		
2	1 C X 70 Sq mm		
3	1 C X 2.5 Sq mm		
4	2 C X 1.5 Sq mm		
5	2 C X 2.5 Sq mm		
6	2 C X 4 Sq mm		
7	2 C X 6 Sq mm		
8	2 C X16 Sq mm		
9	2 C X10 Sq mm		
10	2 C X 1.5 Sq mm		
11	2 C X 2.5 Sq mm		
12	2 C X 1Sq mm		
13	2 C + E X 2.5 Sq mm		
14	2 C + E X 1.5 Sq mm		
15	2 C X 1.5 Sq mm (FR)		
16	2 C X 1 Sq mm (FR)		
17	3 C X 25 Sq mm		
18	3 C X 35 Sq mm		
19	3 C X 50 Sq mm		
20	3 C X 70 Sq mm		
21	3 C X 95 Sq mm		
22	3 C X 120 Sq mm		
23	3 C X 1.5 Sq mm		
24	3 C X 2.5 Sq mm		
25	3 C X 4 Sq mm		
26	3 C X 6 Sq mm		
27	3 C X10 Sq mm		
28	3 C X16 Sq mm		
29	3 C X 25 Sq mm(FR)		
30	3 C X 2.5 Sq mm(FR)		
31	3 C X 4 Sq mm(FR)		
32	5 C X 1Sq mm		
33	5 C X 1Sq mm		
34	5 C X 1Sq mm(FR)		
35	7 C X 1Sq mm		
36	7 C X 1Sq mm		
37	7 C X 1Sq mm		
38	7 C X 1Sq mm(FR)		
39	10 C X 1 Sq mm		

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Sl. No.	Cable Sizes		
40	10 C X 1 Sq mm(FR)		
41	12 C X 1 Sq mm		
42	12 C X 1 Sq mm(FR)		
43	16 C X 1 Sq mm		
44	24 C X 1 Sq mm		
45	24 C X 1 Sq mm(FR)		
46	27 C X 1 Sq mm		
47	37 C X 1 Sq mm		
48	1 PR 0.75 Sq mm		
49	1 PR 0.75 Sq mm		
50	2 PR 0.75 Sq mm		
51	2 PR 0.75 Sq mm		
52	2 PR 0.75 Sq mm(FR)		
53	4 PR 0.75 Sq mm		
54	7 PR 0.75 Sq mm		
55	10 PR 0.75 Sq mm		
56	4 X 2 X 0.75 (P) - IS		
57	7 X 2 X 0.75 (P) - IS		
58	10 X 2 X 0.75 (P) - IS		
59	2 X 1.5 (Cabin Wiring)		
60	24 AWG X 4P (CAT 5)		
61	12 UYRG		
62	22/URG		
63	6/URG		
Note:	Power Cable & Control Cable : 0.6KV / 1.1 KV		
	Telephone Cable: 150 V / 250 V		
	Cabin Wiring : 250 V		
	Overall braided with GI wire for Power Cables & Control Cables		
	Overall braided with ATC wire for Telephone Cables		
	FR - Fire Resistance		
	IS - Individual Screening		
Makes:	As per Owners Approved Vendors		
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Indian Navy Vessels

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Sl. No.	Cable Sizes		
1	3 C X 25 Sq mm		
2	3 C X 35 Sq mm		
3	3 C X 50 Sq mm		
4	3 C X 70 Sq mm		
5	3 C X 95 Sq mm		
6	3 C X 120 Sq mm		
7	3 C X 1.5 Sq mm		
8	3 C X 2.5 Sq mm		
9	3 C X 4 Sq mm		
10	3 C X 6 Sq mm		
11	3 C X10 Sq mm		
12	3 C X16 Sq mm		
13	2 C X16 Sq mm		
14	2 C X10 Sq mm		
15	2 C X4 Sq mm		
16	2 C X25 Sq mm		
17	2 C X35 Sq mm		
18	1 C X 50 Sq mm		
19	1 C X 70 Sq mm		
20	1 C X 95 Sq mm		
21	1 C X 300 Sq mm		
22	2 C X 1 Sq mm		
23	3 C X 1 Sq mm		
24	4 C X 1 Sq mm		
25	5 C X 1 Sq mm		
26	7 C X 1 Sq mm		
27	10 C X 1 Sq mm		
28	12 C X 1 Sq mm		
29	16 C X 1 Sq mm		
30	20 C X 1 Sq mm		
31	24 C X 1 Sq mm		
32	1 C X 1.5 Sq mm		
33	2 C X 1.5 Sq mm		
34	3 C X 1.5 Sq mm		
35	4 C X 1.5 Sq mm		
36	5 C X 1.5 Sq mm		
37	7 C X 1.5 Sq mm		
38	10 C X 1.5 Sq mm		
39	12 C X 1.5 Sq mm		

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Sl. No.	Cable Sizes		
40	16 C X 1.5 Sq mm		
41	20 C X 1.5 Sq mm		
42	24 C X 1.5 Sq mm		
43	30 C X 1.5 Sq mm		
44	37 C X 1.5 Sq mm		
45	7C X 2.5 Sq mm		
46	20 C X 2.5 Sq mm		
47	3 C X 25 Sq mm(FR)		
48	3 C X 2.5 Sq mm(FR)		
49	3 C X 4 Sq mm(FR)		
50	2 C X 1.5 Sq mm (FR)		
51	2 C X 1 Sq mm (FR)		
52	2 C X 2.5 Sq mm (FR)		
53	14 X 2 X 0.75 Sq. mm (IS)		
54	12 X 2 X 0.75 Sq. mm (IS)		
55	10 X 2 X 0.75 Sq. mm (IS)		
56	9 X 2 X 0.75 Sq. mm (IS)		
57	7 X 2 X 0.75 Sq. mm (IS)		
58	5 X 2 X 0.75 Sq. mm (IS)		
59	4 X 2 X 0.75 Sq. mm (IS)		
60	2 X 2 X 0.75 Sq. mm (IS)		
61	1 X 2 X 0.75 Sq. mm		
62	14 X 2 X 0.75 Sq. mm		
63	12 X 2 X 0.75 Sq. mm		
64	10 X 2 X 0.75 Sq. mm		
65	9 X 2 X 0.75 Sq. mm		
66	7 X 2 X 0.75 Sq. mm		
67	5 X 2 X 0.75 Sq. mm		
68	4 X 2 X 0.75 Sq. mm		
69	2 X 2 X 0.75 Sq. mm		
70	2C X 1.5 Sq. mm (Cabin Wiring)		
71	3C X 1.5 Sq. mm (Cabin Wiring)		
Note:			
	Power Cable & Control Cable : 0.6KV / 1.1 KV		
	Telephone Cable: 150 V / 250 V		
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TUG

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Sl. No.	Cable Sizes		
1	3 C X 25 Sq mm		
2	3 C X 35 Sq mm		
3	3 C X 50 Sq mm		
4	3 C X 1.5 Sq mm		
5	3 C X 2.5 Sq mm		
6	3 C X 4 Sq mm		
7	3 C X 6 Sq mm		
8	3 C X10 Sq mm		
9	3 C X16 Sq mm		
10	2 C X 4 Sq mm		
11	2 C X 6 Sq mm		
12	2 C X 25 Sq mm		
13	2 C X 35 Sq mm		
14	1 C X 70 Sq mm		
15	1 C X 50 Sq mm		
16	1 C X 25 Sq mm		
17	2 C X 1 Sq mm		
18	3 C X 1 Sq mm		
19	4 C X 1 Sq mm		
20	5 C X 1 Sq mm		
21	7 C X 1 Sq mm		
22	10 C X 1 Sq mm		
23	12 C X 1 Sq mm		
24	16 C X 1 Sq mm		
25	20 C X 1 Sq mm		
26	24 C X 1 Sq mm		
27	2 C X 1.5 Sq mm		
28	3 C X 1.5 Sq mm		
29	5 C X 1.5 Sq mm		
30	7 C X 1.5 Sq mm		
31	10 C X 1.5 Sq mm		
32	12 C X 1.5 Sq mm		
33	16 C X 1.5 Sq mm		
34	20 C X 1.5 Sq mm		
35	24 C X 1.5 Sq mm		
36	7C X 2.5 Sq mm		
37	20 C X 2.5 Sq mm		
38	2 C X 1.5 Sq mm (FR)		
39	2 C X 2.5 Sq mm (FR)		
40	7 X 2 X 0.75 Sq. mm (IS)		

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Sl. No.	Cable Sizes		
41	5 X 2 X 0.75 Sq. mm (IS)		
42	4 X 2 X 0.75 Sq. mm (IS)		
43	2 X 2 X 0.75 Sq. mm (IS)		
44	1 X 2 X 0.75 Sq. mm		
45	10 X 2 X 0.75 Sq. mm		
46	7 X 2 X 0.75 Sq. mm		
47	5 X 2 X 0.75 Sq. mm		
48	2 X 2 X 0.75 Sq. mm		
49	2C X 1.5 Sq. mm (Cabin Wiring)		
Note:			
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