

General Description

Symbols of number of core and main use

FA-	Flame retardant (IEC 60332-3 Cat A)
FR-	Fire resistance (IEC 60331)
FRA	Flame retardant & Fire resistant
S	Single core for power and lighting
D	Double core for power and lighting
T	Three core for power and lighting
F	Four core for power and lighting
M	Multi core for control and signal(IEC 60332-3 Cat A & IEC 60331)
TT	Telephone and instrumentation
P	Portable or flexible

Symbols of material

Insulation and Bedding

P :	EP Rubber
Y :	PVC
C :	XLPE
N;	PCP

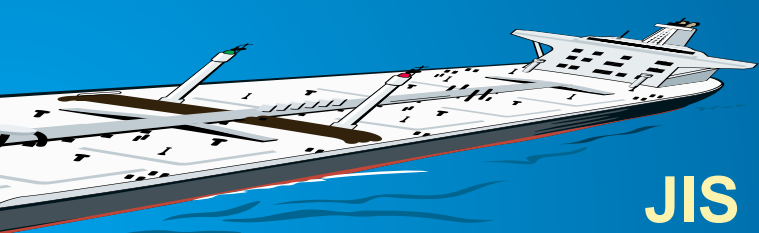
Armoring

C :	Steel wire
CB :	Copper alloy wire

Others

S :	Common shield
-S :	Individual shield
E :	Earth wire





Caledonian JIS Shipboard Cables



Conductor and insulation resistance

Nominal Conductor area mm ²	No. of wires and diameter of wires No. / mm	Approx. diameter mm	Conductor resistance at 20°C ohm/ Km	Insulation resistance at 20°C Mohm - Km
0.75	7/0.37	1.1	24.8	1600(1300)
1	7/0.44	1.3	18.2	1500(1200)
1.5	7/0.53	1.6	12.2	1300
2.5	7/0.67	2.1	7.56	1100
4	7/0.85	2.6	4.7	900
6	7/1.04	3.1	3.11	800
10	7/1.35	4.1	1.84	700
16	7/1.70	5.1	1.16	600
25	7/2.14	6.4	0.734	500
35	7/2.52	7.6	0.529	450
50	19/1.78	8.9	0.391	450
70	19/2.14	10.7	0.27	450
95	19/2.52	12.5	0.195	400
120	37/2.03	14.2	0.154	350
150	37/2.25	15.8	0.126	350
185	37/2.52	17.7	0.1	350
240	61/2.25	20.3	0.076	350
300	61/2.52	22.7	0.061	350
400	61/2.85	25.7	0.048	300
500	61/3.20	28.8	0.037	300
630	127/2.52	32.8	0.029	300

Note. the values of () are given for 250V EPR insulated cables