



Marine Switchboard Wire

Application: Used as fixed installation cables in various electromechanical and electronic equipment. Since it has type approval, it can be used in marine switchboards. Usable at all conditions in marine environment such as dry, wet or oily locations. Due to its' halogen free and flame retardant features, it won't create corrosive gases and prevents the fire from spreading around. Thus it protects human life and equipment, during a fire. Halogen free, Flame retardation, low smoke density and oil resistant.

Conductor: Electrolytic, stranded, annealed copper wire IEC 60228 Class 5

Insulation: Halogen free, flame retardant, cross-linked polyolefin compound (HF90).

Colour: Black, Red, Green/Yellow, Blue and other colours available on request

Working Temperature: -40°C / +90°C

Min bending radius (fixed): 4 x overall diameter

Rated voltage: 0.6 / 1kV

Test voltage: 3.5kV

Approvals: ABS, BV, GL, DNV, LR and GL

Standards: Construction : IEC 60092/353
 Tests and materials : IEC 60092 /350-351-359
 Flame retardation : IEC 60332 /1, IEC 60332 / 3 Cat A
 Halogen content : IEC 60754 / 1 - 2 ,
 Smoke density: IEC 61034 / 1-2 (DIN EN 50268/1-2)

Cross section mm ²	Overall diameter mm	Approx. weight kg/km	Copper weight kg/km	BATT Part No – Black	BATT Part No – Green/Yellow	BATT Part No – Red	BATT Part No - Blue
1 x 0.5	2.1	9	5	-	-	-	-
1 x 0.75	2.3	11	8	14615	-	14627	-
1 x 1	2.7	15	10	-	-	-	-
1 x 1.5	3	20	15	14616	14624	14628	14630
1 x 2.5	3.4	29	24	14617	14625	14629	14631
1 x 4	4	44	339	14618	-	-	-
1 x 6	4.5	61	58	14619	-	-	-
1 x 10	5.6	103	96	14620	-	-	-
1 x 16	6.7	155	154	-	14626	-	-
1 x 25	8.6	243	240	14621	-	-	-
1 x 35	9.8	330	336	14622	-	-	-
1 x 50	11.6	468	480	14623	-	-	-
1 x 70	13.8	685	672	-	-	-	-
1 x 95	15.3	864	912	-	-	-	-
1 x 120	17.2	1099	1152	-	-	-	-
1 x 150	19.4	1396	1440	-	-	-	-
1 x 185	22	1767	1776	-	-	-	-
1 x 240	24.8	2266	2304	-	-	-	-