

Marine/Shipboard Instrumentation Cable to IEC60092-353

XAI (C)

Flexible plain copper IEC60228 Class 2 XLPE based compound insulated, Al/polyester (CAM) screen and tinned copper drain wire, halogen free FLAMEBAR® bedding, tinned or plain copper wire braid halogen free SHFI, LSZH compound sheath.

Design and Construction: IEC60092-375 60092.350

Nominal Voltage Uo/U: 60 V - 250 V

Flame Retardancy: IEC 60332-1 IEC 60332-3 Cat A

Corrosivity: IEC 60754-1 IEC 60754-2

Smoke Density: IEC 61034-2

Toxicity and Smoke Density: IMO RESOLUTION MSC 41(64) and ATS 1000.001 tech. spec.

Cold bend and impact test (-40°C) CSA C22.2 No 38-95

Cores Identification:

Pair: light blue & black numbered

Triple: light blue, black & brown numbered

Sheath Colour: Grey (blue for intrinsically safe)

Applications: Marine applications including shipwiring and the petrochemical and process control industries. For instrumentation and communication systems

CONSTRUCTION (MM ²)	INSULATION THICKNESS (MM)	UNDER ARMOUR DIAMETER (MM)	OUTER SHEATH THICKNESS (MM)	OVERALL DIAMETER (APPROX) (MM)	WEIGHT (APPROX)	BENDING RADIUS (MM)	BATT PART NO BLUE	BATT PART NO GREY
1 pair 0.75	0.6						14149	14028
2 pair 0.75	0.6	8.0	1.2	11.4	219	46	14159	14160
4 pair 0.75	0.6	9.6	1.2	13.1	288	52	-	14030
7 pair 0.75	0.6	11.9	1.3	15.6	321	62	-	14031
10 pair 0.75	0.6	14.9	1.5	19.2	465	77	-	14032
14 pair 0.75	0.6	17.0	1.5	21.3	574	85	-	14033
19 pair 0.75	0.6	19.8	1.7	24.5	745	98	-	14059
24 pair 0.75	0.6	22.3	1.8	27.1	905	109	-	14060
30 pair 0.75	0.6	24.9	1.9	30.0	1086	120	-	14061
1 triple 0.75	0.6						14055	14048
2 triple 0.75	0.6	9.0	1.2	12.4	258	50	-	-
4 triple 0.75	0.6	10.8	1.3	14.7	374	59	-	-
7 triple 0.75	0.6	14.0	1.4	18.1	448	72	-	-
10 triple 0.75	0.6	17.5	1.6	22.0	615	88	-	-
14 triple 0.75	0.6	18.2	1.7	24.6	809	98	-	-
19 triple 0.75	0.6	19.6	1.8	28.0	1033	112	-	-
1 quad 0.75	0.6	6.4	1.2	10.0	135	60	14150	14029
1 pair 1.5	0.6						14158	14132
2 pair 1.5	0.6	9.7	1.2	13.4	315	53	-	14133
4 pair 1.5	0.6	11.6	1.3	15.5	434	62	-	-
7 pair 1.5	0.6	14.4	1.4	18.5	493	74	-	-
10 pair 1.5	0.6	18.1	1.6	22.6	679	90	-	-
14 pair 1.5	0.6	20.6	1.7	25.5	902	102	-	-
19 pair 1.5	0.6	24.0	1.8	29.1	1157	116	-	-
24 pair 1.5	0.6	26.9	1.9	32.3	1407	129	-	-
30 pair 1.5	0.6	30.1	2.1	36.4	1811	146	-	-
2 triple 1.5	0.6	10.9	1.3	14.5	361	58	-	-
4 triple 1.5	0.6	13.0	1.4	17.1	537	69	-	-
7 triple 1.5	0.6	17.0	1.5	21.3	664	85	-	-
10 triple 1.5	0.6	21.2	1.7	25.9	917	103	-	-
14 triple 1.5	0.6	22.0	1.8	27.1	1083	109	-	-
19 triple 1.5	0.6	23.7	1.8	28.9	1222	116	-	-



CABLE DESIGNATION

- X Cross-linked polyethylene insulation
- A Tinned copper or galvanised steel wire braid armour
- I Halogen-free, low smoke, flame retardant sheath
- (C) Common screen of aluminium/ polyester tape with tinned copper drain wire

TYPE APPROVALS

ABS, Bureau Veritas, DNV, Lloyd's Register, RINA & Russian Maritime Register of Shipping

