

XAI(C) Cable Armoured 250V

Applications:	XAI (C) armoured instrumentation cable to IEC60092-376
Conductor:	Plain flexible compacted copper IEC60228 Class 2 conductors
Insulation:	XL100 (XLPE based compound)
Core Identification:	Pairs – Light blue and black (numbered) Triples – Light blue, black and brown (numbered)
Common screen:	Al/polyester and tinned Cu drain wire
Armour:	Plain copper wire braid
Sheath/Jacket:	Halogen free SHF1 compound
Colour:	Grey (blue for intrinsically safe)
Operating Temperature:	100°C
Voltage:	Nominal Voltage U ₀ /U: 250V
Standards:	Design and Construction: IEC60092-376 and IEC60092-350 Flame retardancy: IEC60332-1, IEC60332-3-22 (catA) Corrosivity: IEC60754-1, IEC60754-2 Smoke density: IEC61034-2 Toxicity and smoke density: IMO Resolution MSC 41(64) and ATS 1000.001 tech spec UL1581 Cold bend and impact test (-40°C): CSA C22.2 No 38-95
Approvals:	ABS, Bureau Veritas, DNV, Lloyd's Register & Russian Maritime Register of Shipping



Construction (mm ²)	Conductor diameter approx. (mm)	Insulation thickness nominal (mm)	Under armour diameter approx. (mm)	Outer sheath thickness approx. (mm)	Overall diameter approx. (mm)	Weight approx. (kg/km)	Min bending radius approx. (mm)	BATT Part No. Blue	BATT Part No. Grey
1 x 2 x 0.75	1.1	0.6	-	1	6.9	63	27	-	14028
2 x 2 x 0.75	1.1	0.6	8.0	1.2	11.4	219	46	14159	14160
4 x 2 x 0.75	1.1	0.6	9.6	1.2	13.1	288	52	-	14030
7 x 2 x 0.75	1.1	0.6	11.9	1.3	15.6	321	62	-	14031
10 x 2 x 0.75	1.1	0.6	14.9	1.5	19.2	465	77	-	14032
14 x 2 x 0.75	1.1	0.6	17.0	1.5	21.3	574	85	-	14033
19 x 2 x 0.75	1.1	0.6	19.8	1.7	24.5	745	98	-	14059
24 x 2 x 0.75	1.1	0.6	22.3	1.8	27.1	905	109	-	14060
30 x 2 x 0.75	1.1	0.6	24.9	1.9	30.0	1086	120	-	14061
2 x 3 x 0.75	1.1	0.6	9.0	1.2	12.4	258	50	-	-
4 x 3 x 0.75	1.1	0.6	10.8	1.3	14.7	374	59	-	-
7 x 3 x 0.75	1.1	0.6	14.0	1.4	18.1	448	72	-	-
10 x 3 x 0.75	1.1	0.6	17.5	1.6	22.0	615	88	-	-
14 x 3 x 0.75	1.1	0.6	18.2	1.7	24.6	809	98	-	-
19 x 3 x 0.75	1.1	0.6	19.6	1.8	28.0	1033	112	-	-
1 x 2 x 1.5	1.6	0.6	-	1	7.8	85	31	-	14132
2 x 2 x 1.5	1.6	0.6	9.7	1.2	13.4	315	53	-	14133
4 x 2 x 1.5	1.6	0.6	11.6	1.3	15.5	434	62	-	-
7 x 2 x 1.5	1.6	0.6	14.4	1.4	18.5	493	74	-	-
10 x 2 x 1.5	1.6	0.6	18.1	1.6	22.6	679	90	-	-
14 x 2 x 1.5	1.6	0.6	20.6	1.7	25.5	902	102	-	-
19 x 2 x 1.5	1.6	0.6	24.0	1.8	29.1	1157	116	-	-
24 x 2 x 1.5	1.6	0.6	26.9	1.9	32.3	1407	129	-	-
30 x 2 x 1.5	1.6	0.6	30.1	2.1	36.4	1811	146	-	-
2 x 3 x 1.5	1.6	0.6	10.9	1.3	14.5	361	58	-	-
4 x 3 x 1.5	1.6	0.6	13.0	1.4	17.1	537	69	-	-
7 x 3 x 1.5	1.6	0.6	17.0	1.5	21.3	664	85	-	-
10 x 3 x 1.5	1.6	0.6	21.2	1.7	25.9	917	103	-	-
14 x 3 x 1.5	1.6	0.6	22.0	1.8	27.1	1083	109	-	-
19 x 3 x 1.5	1.6	0.6	23.7	1.8	28.9	1222	116	-	-