

## XAI (C) 331

Plain copper IEC60228 Class 2 mica tape plus 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: 250 V  
 Flame Retardancy: IEC 60332-1 IEC 60332-3 Cat A  
 Fire Resistancy: IEC60331  
 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)

### Nominal dimensional and electrical data

CONSTRUCTION (MM <sup>2</sup> )	INSULATION THICKNESS (MM)	UNDER ARMOUR DIAMETER (MM)	OUTER SHEATH THICKNESS (MM)	OVERALL DIAMETER (APPROX) (MM)	WEIGHT (APPROX)	BENDING RADIUS (MM)	CONDUCTOR RESISTANCE AT 20 Deg C (z / km)	BATT PART NO BLUE	BATT PART NO GREY
2x2x0.75	0.6	9.7	1.2	13.1	269	53	26.0	-	14082
4x2x0.75	0.6	11.7	1.3	15.3	357	61	26.0	-	14169
7x2x0.75	0.6	14.5	1.4	18.3	380	73	26.0	-	14088
10x2x0.75	0.6	18.1	1.6	22.6	547	91	26.0	-	14181
14x2x0.75	0.6	20.7	1.7	25.4	688	101	26.0	-	14290
19x2x0.75	0.6	24.0	1.8	28.9	872	116	26.0	-	-
24x2x0.75	0.6	27.0	1.9	32.1	1052	129	26.0	-	-
30x2x0.75	0.6	30.3	2.1	35.8	1288	143	26.0	-	-
2x3x0.75	0.6	10.9	1.3	14.5	323	58	26.0	-	-
4x3x0.75	0.6	13.1	1.4	17.2	459	69	26.0	-	-
7x3x0.75	0.6	17.0	1.5	21.3	525	85	26.0	-	-
10x3x0.75	0.6	21.2	1.7	25.9	719	104	26.0	-	-
14x3x0.75	0.6	23.8	1.8	29.0	944	116	26.0	-	-
19x3x0.75	0.6	27.7	2.0	33.3	1223	133	26.0	-	-
2x2x1.5	0.6	11.0	1.3	14.9	368	60	12.8	-	-
4x2x1.5	0.6	13.3	1.4	17.4	500	70	12.8	-	-
7x2x1.5	0.6	16.5	1.5	20.8	546	83	12.8	-	-
10x2x1.5	0.6	20.6	1.7	25.3	750	101	12.8	-	-
14x2x1.5	0.6	23.5	1.8	28.7	996	115	12.8	-	14264
19x2x1.5	0.6	27.4	2.0	32.9	1295	132	12.8	-	-
24x2x1.5	0.6	30.8	2.1	36.6	1568	146	12.8	-	-
30x2x1.5	0.6	34.4	2.3	41.1	2004	164	12.8	-	-
2x3x1.5	0.6	12.4	1.3	16.0	413	64	12.8	-	14266
4x3x1.5	0.6	14.9	1.5	19.2	612	77	12.8	-	-
7x3x1.5	0.6	19.4	1.6	23.9	732	95	12.8	-	-
10x3x1.5	0.6	24.2	1.8	29.1	1011	116	12.8	-	-
14x3x1.5	0.6	27.1	2.0	32.6	1355	131	12.8	-	-
19x3x1.5	0.6	31.6	2.2	38.1	1857	152	12.8	-	-



**TYPE APPROVALS**  
 ABS, Bureau Veritas, Lloyd's Register & Russian Maritime Register of Shipping

