

## XI 331

Tinned or plain compacted copper IEC60228 Class 2, mica tape plus XLI00 (XLPE based compound) insulated, halogen free FLAMEBAR® bedding, halogen free SHF1 sheath.

Design and Construction: IEC60092-353

Nominal Voltage Uo/U: 0,6/1 kV

Maximum Voltage Umax: 1,2 kV

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

Fire Resistancy: IEC 60331

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

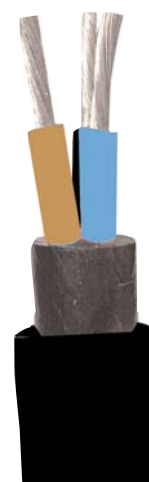
Cores Identification: 1 core black, 2 core black & light blue 3 core black, brown & light blue, 4 core black, blue, brown & white, 5 core white and numbered

Earthing core (on request) green/yellow

Sheath Colour: Black

### NOMINAL DIMENSIONAL AND ELECTRICAL

CONSTRUCTION (MM <sup>2</sup> )	INSULATION THICKNESS (MM)	OUTER SHEATH THICKNESS (MM)	OVERALL DIAMETER (APPROX) (MM)	WEIGHT (APPROX) (KG/KM)	BENDING RADIUS (MM)	CONDUCTOR RESISTANCE AT 20 Deg C ( /KM)	CURRENT RATING AT 45 Deg C (A)	SHORT CIRCUIT RATING (KA)	BATT PART NO
1x1.5	0.7	1.0	5.5	50	22	12.200	20	0.21	-
1x2.5	0.7	1.0	6.0	60	24	7.560	27	0.35	-
1x4.0	0.7	1.0	7.0	80	28	4.700	37	0.58	-
1x6.0	0.7	1.0	7.5	100	30	3.110	48	0.87	-
1x10	0.7	1.1	8.0	145	32	1.840	68	1.46	-
1x16	0.7	1.1	9.5	210	38	1.160	92	2.33	-
1x25	0.9	1.2	11.5	315	46	0.735	117	3.65	-
1x35	0.9	1.2	13.0	425	52	0.530	146	5.11	-
1x50	1.0	1.3	14.0	585	56	0.391	182	7.30	-
1x70	1.1	1.4	17.0	800	68	0.270	223	10.20	-
1x95	1.1	1.4	18.5	1040	74	0.195	275	13.90	-
1x120	1.2	1.5	20.0	1300	80	0.154	325	17.50	-
1x150	1.4	1.6	22.0	1620	88	0.126	362	21.90	-
1x185	1.6	1.7	24.5	1980	98	0.100	410	27.00	-
1x240	1.7	1.8	27.0	2540	108	0.076	498	35.00	-
1x300	1.8	1.9	30.0	3135	120	0.061	560	43.80	-
2x1.5	0.7	1.1	9.5	95	38	12.200	17	0.21	14162
2x2.5	0.7	1.1	10.5	120	42	7.560	24	0.35	14130
2x4	0.7	1.2	11.5	160	46	4.700	32	0.58	-
2x6	0.7	1.2	13.0	215	52	3.110	41	0.87	-
2x10	0.7	1.3	15.0	305	60	1.840	57	1.46	-
2x16	0.7	1.4	17.5	440	70	1.160	77	2.33	-
2x25	0.9	1.5	21.0	660	84	0.735	102	3.65	-
2x35	0.9	1.6	23.0	880	92	0.530	123	5.11	-
2x50	1.0	1.7	26.0	1200	104	0.391	153	7.30	-
2x70	1.1	1.9	31.0	1655	124	0.270	191	10.20	-
2x95	1.1	2.0	33.5	2150	135	0.195	234	13.90	-
3x1.5	0.7	1.1	10.0	120	40	12.200	14	0.21	14116
3x2.5	0.7	1.2	11.5	160	46	7.560	20	0.35	14115
3x4	0.7	1.2	12.5	220	50	4.700	27	0.58	-
3x6	0.7	1.3	14.0	290	56	3.110	34	0.87	-
3x10	0.7	1.3	16.0	415	64	1.840	47	1.46	-
3x16	0.7	1.4	18.5	615	74	1.160	63	2.33	14186
3x25	0.9	1.6	22.5	935	90	0.735	84	3.65	-
3x35	0.9	1.7	25.0	1250	100	0.530	102	5.11	-
3x50	1.0	1.8	27.5	1720	112	0.391	126	7.30	-
3x70	1.1	2.0	32.5	2370	134	0.270	158	10.20	-
3x95	1.1	2.1	35.0	3100	144	0.195	193	13.90	14188
3x120	1.2	2.2	39.5	3880	160	0.154	224	17.50	-
3x150	1.4	2.4	43.5	4830	178	0.126	256	21.90	-
3x185	1.6	2.6	49.0	5940	198	0.100	291	27.00	-
3x240	1.7	2.8	55.0	7615	220	0.076	343	35.00	-
3x300	1.8	3.0	61.0	9435	244	0.061	392	43.00	-



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## XI 331 (Continued)

## NOMINAL DIMENSIONAL AND ELECTRICAL DATA

CONSTRUCTION (MM <sup>2</sup> )	INSULATION THICKNESS (MM)	OUTER SHEATH THICKNESS (MM)	OVERALL DIAMETER (APPROX) (MM)	WEIGHT (APPROX) (KG/KM)	BENDING RADIUS (MM)	CONDUCTOR RESISTANCE AT 20 Deg C ( /KM)	CURRENT RATING AT 45 Deg C (A)	SHORT CIRCUIT RATING (kA)	BATT PART NO
4x1.5	0.7	1.2	11.5	150	46	12.200	14	0.21	14189
4x2.5	0.7	1.2	12.5	205	50	7.560	20	0.36	14114
4x4	0.7	1.3	14.0	280	56	4.700	27	0.58	-
4x6	0.7	1.3	15.5	370	62	3.110	34	0.87	-
4x10	0.7	1.4	17.5	540	70	1.840	47	1.46	-
4x16	0.7	1.5	20.5	810	82	1.160	63	2.33	-
4x25	0.9	1.7	24.5	1220	98	0.735	84	3.65	-
4x35	0.9	1.8	27.5	1645	110	0.530	102	5.11	-
4x50	1.0	1.9	31.0	2260	124	0.391	126	7.30	-
4x70	1.1	2.1	37.0	3110	148	0.270	158	10.20	-
4x95	1.1	2.2	40.0	4090	160	0.195	193	13.90	-
4x120	1.2	2.4	44.5	5140	178	0.154	224	17.50	-
4x150	1.4	2.6	49.0	6390	196	0.126	256	21.90	-
4x185	1.6	2.8	55.0	7850	220	0.100	291	27.00	-
4x240	1.7	3.0	61.0	10065	244	0.076	343	33.80	-
4x300	1.8	3.3	68.0	12360	272	0.061	392	42.20	-
5x1.5	0.7	1.2	12.5	190	50	12.200	12	0.21	-
7x1.5	0.7	1.3	14.0	245	56	12.200	11	0.21	14114
10x1.5	0.7	1.4	17.5	340	70	12.200	10	0.21	-
12x1.5	0.7	1.4	18.0	390	72	12.200	9	0.21	-
14x1.5	0.7	1.5	19.5	450	78	12.200	9	0.21	-
16x1.5	0.7	1.5	20.5	505	82	12.200	8	0.21	-
19x1.5	0.7	1.5	21.5	580	86	12.200	8	0.21	-
24x1.5	0.7	1.7	26.0	745	104	12.200	7	0.21	-
27x1.5	0.7	1.7	26.5	815	106	12.200	7	0.21	-
30x1.5	0.7	1.8	27.5	910	110	12.200	7	0.21	-
37x1.5	0.7	1.9	30.0	1100	120	12.200	7	0.21	-
5x2.5	0.7	1.3	14.0	250	56	7.560	17	0.36	-
7x2.5	0.7	1.3	15.0	325	60	7.560	15	0.36	-
12x2.5	0.7	1.5	20.0	440	80	7.560	12	0.36	-
19x2.5	0.7	1.6	23.5	805	94	7.560	11	0.36	-
27x2.5	0.7	1.8	29.0	1140	116	7.560	9	0.36	-
37x2.5	0.7	2.0	33.0	1525	132	7.560	9	0.36	-

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