

TECHNICAL SPECIFICATIONS OF LT AERIAL BUNCHED CABLES - IS 14255 (BARE MESSENGER)

AB CABLE DESCRIPTION (SQMM)	CONDUCTOR DIAMETER (MM)			THICKNESS OF INSULATION (MM)			INSULATED CORE DIAMETER (MM)			Max. D.C. Conductor Resistance at 20°C			Min. Break- ing Load	Approx. Dia.	Approx. WEIGHT
	P	S	M	P	S	M	P	S	M	P	S	M	KN	mm	kg/km
1CX16+25	4.6	N/A	5.7	1.2	N/A	N/A	7.0	N/A	N/A	1.91	N/A	1.380	7.0	13.6	132
3CX16+25	4.6	N/A	5.7	1.2	N/A	N/A	7.0	N/A	N/A	1.91	N/A	1.380	7.0	17.3	261
1CX16+16+25	4.6	4.6	5.7	1.2	1.2	N/A	7.0	7.0	N/A	1.91	1.91	1.380	7.0	15.2	198
3CX16+16+25	4.6	4.6	5.7	1.2	1.2	N/A	7.0	7.0	N/A	1.91	1.91	1.380	7.0	19.0	327
1CX25+25	5.7	N/A	5.7	1.2	N/A	N/A	8.1	N/A	N/A	1.20	N/A	1.380	7.0	14.9	160
3CX25+25	5.7	N/A	5.7	1.2	N/A	N/A	8.1	N/A	N/A	1.20	N/A	1.380	7.0	19.2	346
1CX25+16+25	5.7	4.6	5.7	1.2	1.2	N/A	8.1	7.0	N/A	1.20	1.91	1.380	7.0	15.9	227
3CX25+16+25	5.7	4.6	5.7	1.2	1.2	N/A	8.1	7.0	N/A	1.20	1.91	1.380	7.0	21.1	412
1CX35+25	6.8	N/A	5.7	1.2	N/A	N/A	9.2	N/A	N/A	0.868	N/A	1.380	7.0	15.7	191
3CX35+25	6.8	N/A	5.7	1.2	N/A	N/A	9.2	N/A	N/A	0.868	N/A	1.380	7.0	20.9	438
1CX35+16+25	6.8	4.6	5.7	1.2	1.2	N/A	9.2	7.0	N/A	0.868	1.91	1.380	7.0	16.5	258
3CX35+16+25	6.8	4.6	5.7	1.2	1.2	N/A	9.2	7.0	N/A	0.868	1.91	1.380	7.0	22.5	505
1CX50+35	8.2	N/A	6.8	1.5	N/A	N/A	11.2	N/A	N/A	0.641	N/A	0.986	9.8	18.9	275
3CX50+35	8.2	N/A	6.8	1.5	N/A	N/A	11.2	N/A	N/A	0.641	N/A	0.986	9.8	28.8	635
1CX50+16+35	8.2	4.6	6.8	1.5	1.2	N/A	11.2	7.0	N/A	0.641	1.91	0.986	9.8	19.8	340
3CX50+16+35	8.2	4.6	6.8	1.5	1.2	N/A	11.2	7.0	N/A	0.641	1.91	0.986	9.8	30.6	702
1CX70+50	9.8	N/A	8.2	1.5	N/A	N/A	12.8	N/A	N/A	0.443	N/A	0.689	14.0	21.2	380
3CX70+50	9.8	N/A	8.2	1.5	N/A	N/A	12.8	N/A	N/A	0.443	N/A	0.689	14.0	30.3	870
1CX70+16+50	9.8	4.6	8.2	1.5	1.2	N/A	12.8	7.0	N/A	0.443	1.91	0.689	14.0	22.6	442
3CX70+16+50	9.8	4.6	8.2	1.5	1.2	N/A	12.8	7.0	N/A	0.443	1.91	0.689	14.0	32.5	930
1CX95+70	11.3	N/A	9.6	1.5	N/A	N/A	14.3	N/A	N/A	0.320	N/A	0.492	19.7	25.5	514
3CX95+70	11.3	N/A	9.6	1.5	N/A	N/A	14.3	N/A	N/A	0.320	N/A	0.492	19.7	35.2	1162
1CX95+16+70	11.3	4.6	9.6	1.5	1.2	N/A	14.3	7.0	N/A	0.320	1.91	0.492	19.7	28.8	576
3CX95+16+70	11.3	4.6	9.6	1.5	1.2	N/A	14.3	7.0	N/A	0.320	1.91	0.492	19.7	37.8	1224

1CX120+70	12.8	N/A	9.6	1.5	N/A	N/A	15.8	N/A	N/A	0.253	N/A	0.492	19.7	27.3	592
3CX120+70	12.8	N/A	9.6	1.5	N/A	N/A	15.8	N/A	N/A	0.253	N/A	0.492	19.7	40.6	1390
1CX120+16+70	12.8	4.6	9.6	1.5	1.2	N/A	15.8	7.0	N/A	0.253	1.91	0.492	19.7	31.1	658
3CX120+16+70	12.8	4.6	9.6	1.5	1.2	N/A	15.8	7.0	N/A	0.253	1.91	0.492	19.7	43.0	1458

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	P	S	M	P	S	M	P	S	M	P	S	M	KN	mm	kg/km
1CX16+25	4.6	N/A	5.7	1.2	N/A	1.2	7.0	N/A	8.1	1.91	N/A	1.380	7.0	15.8	158
3CX16+25	4.6	N/A	5.7	1.2	N/A	1.2	7.0	N/A	8.1	1.91	N/A	1.380	7.0	22.6	287
1CX16+16+25	4.6	4.6	5.7	1.2	1.2	1.2	7.0	7.0	8.1	1.91	1.91	1.380	7.0	18.3	224
3CX16+16+25	4.6	4.6	5.7	1.2	1.2	1.2	7.0	7.0	8.1	1.91	1.91	1.380	7.0	25.5	353
1CX25+25	5.7	N/A	5.7	1.2	N/A	1.2	8.1	N/A	8.1	1.20	N/A	1.380	7.0	16.8	186
3CX25+25	5.7	N/A	5.7	1.2	N/A	1.2	8.1	N/A	8.1	1.20	N/A	1.380	7.0	26.8	372
1CX25+16+25	5.7	4.6	5.7	1.2	1.2	1.2	8.1	7.0	8.1	1.20	1.91	1.380	7.0	19.7	253
3CX25+16+25	5.7	4.6	5.7	1.2	1.2	1.2	8.1	7.0	8.1	1.20	1.91	1.380	7.0	28.3	438
1CX35+25	6.8	N/A	5.7	1.2	N/A	1.2	9.2	N/A	8.1	0.868	N/A	1.380	7.0	17.4	217
3CX35+25	6.8	N/A	5.7	1.2	N/A	1.2	9.2	N/A	8.1	0.868	N/A	1.380	7.0	26.6	464
1CX35+16+25	6.8	4.6	5.7	1.2	1.2	1.2	9.2	7.0	8.1	0.868	1.91	1.380	7.0	20.2	284
3CX35+16+25	6.8	4.6	5.7	1.2	1.2	1.2	9.2	7.0	8.1	0.868	1.91	1.380	7.0	30.5	531
1CX50+35	8.2	N/A	6.8	1.5	N/A	1.2	11.1	N/A	9.2	0.641	N/A	0.986	9.8	22.9	305
3CX50+35	8.2	N/A	6.8	1.5	N/A	1.2	11.1	N/A	9.2	0.641	N/A	0.986	9.8	34.8	665
1CX50+16+35	8.2	4.6	6.8	1.5	1.2	1.2	11.2	7.0	9.2	0.641	1.91	0.986	9.8	23.4	370
3CX50+16+35	8.2	4.6	6.8	1.5	1.2	1.2	11.2	7.0	9.2	0.641	1.91	0.986	9.8	36.8	732
1CX70+50	9.8	N/A	8.2	1.5	N/A	1.5	12.8	N/A	11.2	0.443	N/A	0.689	14.0	23.0	425
3CX70+50	9.8	N/A	8.2	1.5	N/A	1.5	12.8	N/A	11.2	0.443	N/A	0.689	14.0	36.3	915

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	P	S	M	P	S	M	P	S	M	P	S	M	KN	mm	kg/km
1CX70+16+50	9.8	4.6	8.2	1.5	1.2	1.5	12.8	7.0	11.2	0.443	1.91	0.689	14.0	26.4	487
3CX70+16+50	9.8	4.6	8.2	1.5	1.2	1.5	12.8	7.0	11.2	0.443	1.91	0.689	14.0	38.2	975
1CX95+70	11.3	N/A	9.6	1.5	N/A	1.5	14.4	N/A	12.6	0.320	N/A	0.492	19.7	27.6	566
3CX95+70	11.3	N/A	9.6	1.5	N/A	1.5	14.4	N/A	12.6	0.320	N/A	0.492	19.7	41.9	1214
1CX95+16+70	11.3	4.6	9.6	1.5	1.2	1.5	14.4	7.0	12.6	0.320	1.91	0.492	19.7	32.5	628
3CX95+16+70	11.3	4.6	9.6	1.5	1.2	1.5	14.4	7.0	12.6	0.320	1.91	0.492	19.7	44.6	1276
1CX120+70	12.8	N/A	9.6	1.5	N/A	1.5	15.8	N/A	12.6	0.253	N/A	0.492	19.7	29.0	644
3CX120+70	12.8	N/A	9.6	1.5	N/A	1.5	15.8	N/A	12.6	0.253	N/A	0.492	19.7	44.8	1442
1CX120+16+70	12.8	4.6	9.6	1.5	1.2	1.5	15.8	7.0	12.6	0.253	1.91	0.492	19.7	33.4	710
3CX120+16+70	12.8	4.6	9.6	1.5	1.2	1.5	15.8	7.0	12.6	0.253	1.91	0.492	19.7	48.9	1510

P-PHASE, S-STEREETLIGHT, M-MESSENGER