

**Aluminum Conductor PE/XLPE Insulated Aerial Bundled Cable**

IEC 61502, Power cables with extruded insulation and their accessories for rated voltages from 1 kV up to 30 kV

**Self-supporting**

Phase	Phase		Phase			Approx. Overall Diameter	Max. D.C. Resistance of Conductor at 20°C
AAC+XLPE	Compact Conductor		XLPE Insulation				
No. X Normal Cross Section of Cores	No. of Al Wires	Overall Diameter	Normal Thickness	Min.	Diameter		
No. X mm <sup>2</sup>	-	mm	mm	mm	mm	mm	ohm/km
1 X 10	7	4.05	1	0.8	6.05	6.05	3.08
1 X 16	7	4.8	1.2	0.98	7.2	7.2	1.91
1 X 25	7	6	1.2	0.98	8.4	8.4	1.2
1 X 35	7	7	1.4	1.16	9.8	9.8	0.868
1 X 50	7	8.3	1.4	1.16	11.1	11.1	0.641
1 X 70	19	9.8	1.4	1.16	12.6	12.6	0.443
1 X 95	19	11.6	1.6	1.34	14.8	14.8	0.32
1 X 120	19	13	1.6	1.34	16.2	16.2	0.253
1 X 150	19	14.6	1.8	1.52	18.2	18.2	0.206
1 X 185	36	16.2	2	1.7	20.2	20.2	0.164
1 X 240	36	18.4	2.2	1.88	22.8	22.8	0.125
2 X 10	7	4.05	1	0.8	6.05	12.1	3.08
2 X 16	7	4.8	1.2	0.98	7.2	14.4	1.91
2 X 25	7	6	1.2	0.98	8.4	16.8	1.2
2 X 35	7	7	1.4	1.16	9.8	19.6	0.868
2 X 50	7	8.3	1.4	1.16	11.1	22.2	0.641
2 X 70	19	9.8	1.4	1.16	12.6	25.2	0.443
2 X 95	19	11.6	1.6	1.34	14.8	29.6	0.32
2 X 120	19	13	1.6	1.34	16.2	32.4	0.253
2 X 150	19	14.6	1.8	1.52	18.2	36.4	0.206
2 X 185	36	16.2	2	1.7	20.2	40.4	0.164
2 X 240	36	18.4	2.2	1.88	22.8	45.6	0.125
3 X 10	7	4.05	1	0.8	6.05	13.07	3.08

3 X 16	7	4.8	1.2	0.98	7.2	15.55	1.91
3 X 25	7	6	1.2	0.98	8.4	18.14	1.2
3 X 35	7	7	1.4	1.16	9.8	21.17	0.868
3 X 50	7	8.3	1.4	1.16	11.1	23.98	0.641
3 X 70	19	9.8	1.4	1.16	12.6	27.22	0.443
3 X 95	19	11.6	1.6	1.34	14.8	31.97	0.32
3 X 120	19	13	1.6	1.34	16.2	34.99	0.253
3 X 150	19	14.6	1.8	1.52	18.2	39.31	0.206
3 X 185	36	16.2	2	1.7	20.2	43.63	0.164
3 X 240	36	18.4	2.2	1.88	22.8	49.25	0.125
4 X 10	7	4.05	1	0.8	6.05	14.64	3.08
4 X 16	7	4.8	1.2	0.98	7.2	17.42	1.91
4 X 25	7	6	1.2	0.98	8.4	20.33	1.2
4 X 35	7	7	1.4	1.16	9.8	23.72	0.868
4 X 50	7	8.3	1.4	1.16	11.1	26.86	0.641
4 X 70	19	9.8	1.4	1.16	12.6	30.49	0.443
4 X 95	19	11.6	1.6	1.34	14.8	35.82	0.32
4 X 120	19	13	1.6	1.34	16.2	39.2	0.253
4 X 150	19	14.6	1.8	1.52	18.2	44.04	0.206
4 X 185	36	16.2	2	1.7	20.2	48.88	0.164
4 X 240	36	18.4	2.2	1.88	22.8	55.18	0.125