

**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

**Phase + Neutral + Service Connection**

Phase	Neutral	Service Connection	Phase			Neutral		Service Connection			Approx. Over all Diameter of Bundled Cable
AAC+XLPE	AAAC+XLPE	AAC+XLPE	Conductor		XLPE	Conductor	XLPE	Compact Conductor		XLPE	
No. X Normal Cross Section of Cores	No. X Normal Cross Section of Cores	No. X Normal Cross Section of Cores	No. of Al. Wire	Overall Dia.	Normal	No./Dia. of Al. Wire	Normal	No. of Al. Wire	Overall Dia.	Normal	
					Thickness		Thickness			Thickness	
No. X mm <sup>2</sup>	No. X mm <sup>2</sup>	No. X mm <sup>2</sup>	-	mm	mm	mm	mm	No./mm	mm	mm	mm
3 X 16	1 X 50	1 X 16	7	4.8	1.2	7/3.0	1.4	7	4.8	1.2	26.2
3 X 25	1 X 50	1 X 16	7	6	1.2	7/3.0	1.4	7	4.8	1.2	28.6
3 X 35	1 X 50	1 X 16	7	7	1.4	7/3.0	1.4	7	4.8	1.2	31.4
3 X 50	1 X 50	1 X 16	7	8.3	1.4	7/3.0	1.4	7	4.8	1.2	34
3 X 70	1 X 50	1 X 16	19	9.8	1.4	7/3.0	1.4	7	4.8	1.2	37
3 X 95	1 X 50	1 X 16	19	11.6	1.6	7/3.0	1.4	7	4.8	1.2	41.4
3 X 120	1 X 50	1 X 16	19	13	1.6	7/3.0	1.4	7	4.8	1.2	44.2
3 X 16	1 X 50	2 X 16	7	4.8	1.2	7/3.0	1.4	7	4.8	1.2	26.2
3 X 25	1 X 50	2 X 16	7	6	1.2	7/3.0	1.4	7	4.8	1.2	28.6
3 X 35	1 X 50	2 X 16	7	7	1.4	7/3.0	1.4	7	4.8	1.2	31.4
3 X 50	1 X 50	2 X 16	7	8.3	1.4	7/3.0	1.4	7	4.8	1.2	34
3 X 70	1 X 50	2 X 16	19	9.8	1.4	7/3.0	1.4	7	4.8	1.2	37
3 X 95	1 X 50	2 X 16	19	11.6	1.6	7/3.0	1.4	7	4.8	1.2	41.4
3 X 120	1 X 50	2 X 16	19	13	1.6	7/3.0	1.4	7	4.8	1.2	44.2