

Self-supporting

Phase	Phase		Phase			Approx. Overall Diameter	Min. Bending Radius	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 ²	-	mm	mm	mm	mm	mm		
1X16	7	4.8	1.2	0.98	7.2	7.2	2.07	1.91
1X25	7	6	1.4	1.16	8.8	8.8	3.3	1.2
1X35	7	7	1.6	1.34	10.2	10.2	4.5	0.868
1X50	7	8.3	1.6	1.34	11.5	11.5	6.2	0.641
1X70	19	10	1.8	1.52	13.6	13.6	8.9	0.443
1X95	19	11.6	1.8	1.52	15.2	15.2	12.3	0.32
1X120	19	13.01	1.8	1.52	16.6	16.6	15.6	0.253
1X150	19	14.6	1.8	1.52	18.2	18.2	19.2	0.206
2X16	7	4.8	1.2	0.98	7.2	14.4	2.07	1.91
2X25	7	6	1.4	1.16	8.8	17.6	3.3	1.2
2X35	7	7	1.6	1.34	10.2	20.4	4.5	0.868
2X50	7	8.3	1.6	1.34	11.5	23	6.2	0.641
2X70	19	10	1.8	1.52	13.6	27.2	8.9	0.443
2X95	19	11.6	1.8	1.52	15.2	30.4	12.3	0.32
2X120	19	13	1.8	1.52	16.6	33.2	15.6	0.253
2X150	19	14.6	1.8	1.52	18.2	36.4	19.2	0.206
3X16	7	4.8	1.2	0.98	7.2	15.55	2.07	1.91
3X25	7	6	1.4	1.16	8.8	19.01	3.3	1.2
3X35	7	7	1.6	1.34	10.2	22.03	4.5	0.868
3X50	7	8.3	1.6	1.34	11.5	24.84	6.2	0.641
3X70	19	10	1.8	1.52	13.6	29.38	8.9	0.443
3X95	19	11.6	1.8	1.52	15.2	32.83	12.3	0.32
3X120	19	13	1.8	1.52	16.6	35.86	15.6	0.253
3X150	19	14.6	1.8	1.52	18.2	39.31	19.2	0.206

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AAC+XLPE	Compact Conductor		XLPE Insulation					
No. X Normal Cross Section of Cores	No. of Al Wires	Overall Diameter	Normal Thickness	Min.	Diameter			
4X16	7	4.8	1.2	0.98	7.2	17.42	2.07	1.91
4X25	7	6	1.4	1.16	8.8	21.3	3.3	1.2
4X35	7	7	1.6	1.34	10.2	24.68	4.5	0.868
4X50	7	8.3	1.6	1.34	11.5	27.83	6.2	0.641
4X70	19	10	1.8	1.52	13.6	32.91	8.9	0.443
4X95	19	11.6	1.8	1.52	15.2	36.78	12.3	0.32
4X120	19	13	1.8	1.52	16.6	40.17	15.6	0.253
4X150	19	14.6	1.8	1.52	18.2	44.04	19.2	0.206