

model Copper core	model Aluminum core	name	Scope of application
YJV YJY	YJLV YJLY	Copper or aluminum core cross-linked polyethylene insulated PVC sheathed power cable Copper or aluminum core cross-linked polyethylene insulated polyethylene sheathed power cable	When laid indoors, in tunnels, cable trenches, and pipelines, or in loose soil, the cable can withstand certain laying traction, but cannot withstand external mechanical forces
YJV22 YJY23	YJLV22 YJLY23	Copper or aluminum core cross-linked polyethylene insulated steel tape armored PVC sheathed power cable Copper or aluminum core cross-linked polyethylene insulated steel tape armored polyethylene sheathed power cable	Suitable for indoor, tunnel, cable trench, and underground direct burial laying. The cable can withstand mechanical external forces, but cannot withstand large tensile forces
YJV32 YJY33	YJLV32 YJLY33	Copper or aluminum core cross-linked polyethylene insulated fine steel wire armored PVC sheathed power cable Copper or aluminum core cross-linked polyethylene insulated fine steel wire armored polyethylene sheathed power	Suitable for high drop areas, capable of withstanding external mechanical forces and considerable tensile forces

Order number	Specifications	Conductor structure		Insulation		Cabling		Inner liner	Steel tape armor		Sheath			
	Number of cores x Section mm <sup>2</sup>	Number of pieces/diameter mm	Nominal outer diameter (or fan height) mm	Nominal thickness mm	Nominal outer diameter (or fan height) mm	Nominal outer diameter mm	Outer diameter of wrapping mm	Nominal thickness mm	layer x thick x Width mm	Nominal outer diameter mm	Nominal thickness mm		Nominal outer diameter m	
											YJV YJLV	YJV22 YJLV22	YJV YJLV	YJV <sup>2</sup> YJLV <sup>2</sup>
1	3x2.5+1x1.5	1/1.78	1.78	0.7	2.8	7.7	8.5	1	2x0.2x20	11.3	1.8	1.8	12.1	14.9
2	3x4+1x2.5	1/2.25	2.25	0.7	3.7	8.5	9.3	1	2x0.2x20	12.1	1.8	1.8	12.9	15.7
3	3x6+1x4	1/2.76	2.76	0.7	4.2	9.7	10.5	1	2x0.2x20	13.3	1.8	1.8	14.1	16.9
4	3x10+1x6	7/1.35	4.1	0.7	5.5	12.7	13.5	1	2x0.2x25	16.3	1.8	1.8	17.1	19.9
5	3x16+1x10	7/1.70	5.1	0.7	6.5	15	15.8	1	2x0.2x25	18.6	1.8	1.8	19.4	22.2
6	3x25+1x16	7/2.14	6.4	0.9	8.2	18.9	19.7	1	2x0.2x30	22.5	1.8	1.8	23.3	26.1
7	3x35+1x16	7/2.52	7.6	0.9	9.4	21.7	22.5	1	2x0.2x30	25.3	1.8	1.9	26.1	29.1
8	3x50+1x25	10/2.52	7.3	1	9.3	21.5	22.3	1	2x0.2x30	25.1	1.8	1.9	25.9	28.9
9	3x70+1x35	14/2.52	8.7	1.1	10.9	25.2	26	1.2	2x0.2x35	29.2	1.9	2	29.8	33.2
10	3x95+1x50	19/2.52	10.2	1.1	12.4	28.6	29.4	1.2	2x0.5x40	32.8	2	2.1	33.4	37
11	3x120+1x70	24/2.52	11.5	1.2	13.9	32.1	32.9	1.2	2x0.5x40	37.3	2.2	2.3	37.3	41.9
12	3x150+1x70	30/2.52	12	1.4	14.8	34.2	35	1.2	2x0.5x40	39.4	2.2	2.4	39.4	44.2
13	3x185+1x95	37/2.52	13.4	1.6	16.6	38.3	39.1	1.4	2x0.5x45	43.9	2.4	2.5	43.9	48.9
14	3x240+1x120	48/2.52	15.4	1.7	18.8	43.4	44.2	1.4	2x0.5x45	49	2.5	2.7	49.2	54.4
15	3x300+1x150	61/2.52	17	1.8	20.6	47.6	48.4	1.6	2x0.5x50	53.6	2.7	2.9	53.8	59.4

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											YJV YJLV	YJV22 YJLV22	YJV YJLV	YJV <sup>2</sup> YJLV <sup>2</sup>
1	3x2.5+2x1.5	1/1.78	1.78	0.7	2.8	8.2	9	1	2x0.2x20	12.8	1.8	1.8	12.6	16.4
2	3x4+2x2.5	1/2.25	2.25	0.7	3.7	9.5	10.3	1	2x0.2x20	14.1	1.8	1.8	13.9	17.7
3	3x6+2x4	1/2.76	2.76	0.7	4.2	10.8	11.6	1	2x0.2x20	15.4	1.8	1.8	15.2	19
4	3x10+2x6	7/1.35	4.1	0.7	5.5	13.4	14.2	1	2x0.2x25	18	1.8	1.8	17.8	21.6
5	3x16+2x10	7/1.70	5.1	0.7	6.5	16.5	17.3	1	2x0.2x25	21.1	1.8	1.8	20.9	24.7
6	3x25+2x16	7/2.14	6.4	0.9	8.2	20.3	21.1	1	2x0.2x30	24.8	1.8	1.9	24.7	28.6
7	3x35+2x16	7/2.52	7.6	0.9	9.4	22.2	23	1	2x0.2x30	26.8	1.8	1.9	26.6	30.6
8	3x50+2x25	10/2.52	7.2	1	9.2	23.8	24.6	1	2x0.2x30	28.4	1.9	2	28.4	32.4
9	3x70+2x35	14/2.52	9.2	1.1	11.4	28.6	29.4	1.2	2x0.5x35	35.4	2	2.2	33.4	39.8
10	3x95+2x50	19/2.52	10.4	1.1	12.6	32.5	33.3	1.2	2x0.5x35	39.3	2.2	2.4	37.7	44.1
11	3x120+2x70	24/2.52	11.2	1.2	13.6	36	36.8	1.4	2x0.5x40	43.2	2.3	2.5	41.4	48.2
12	3x150+2x70	30/2.52	13.3	1.4	16.1	40	40.8	1.4	2x0.5x40	47.2	2.4	2.7	45.6	52.6
13	3x185+2x95	37/2.52	14.5	1.6	17.7	44.7	45.5	1.6	2x0.5x45	52.3	2.6	2.8	50.7	57.9
14	3x240+2x120	48/2.52	16.6	1.7	20	50.3	51.1	1.6	2x0.5x45	57.9	2.8	3	56.7	63.9
15	3x300+2x150	61/2.52	18.5	1.8	22.1	55.9	56.7	1.6	2x0.5x45	63.5	3	3.2	62.7	69.7

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											YJV YJLV	YJV22 YJLV22	YJV YJLV	YJV <sup>2</sup> YJLV <sup>2</sup>
1	4×2.5+1×1.5	1/1.78	1.78	0.7	2.8	8.4	9.2	1	2×0.2×20	13	1.8	1.8	12.8	16.6
2	4×4+1×2.5	1/2.25	2.25	0.7	3.7	9.7	10.5	1	2×0.2×20	14.3	1.8	1.8	14.1	17.9
3	4×6+1×4	1/2.76	2.76	0.7	4.2	11.1	11.9	1	2×0.2×20	15.7	1.8	1.8	15.5	19.3
4	4×10+1×6	7/1.35	4.1	0.7	5.5	14.1	14.9	1	2×0.2×25	19.7	1.8	1.8	18.5	23.3
5	4×16+1×10	7/1.70	5.1	0.7	6.5	17	17.8	1	2×0.2×25	21.6	1.8	1.8	21.4	25.2
6	4×25+1×16	7/2.14	6.4	0.9	8.2	21.2	22	1	2×0.2×30	25.8	1.8	1.9	25.6	29.6
7	4×35+1×16	7/2.52	7.6	0.9	9.4	23.8	24.6	1	2×0.2×30	28.4	1.9	1.9	28.4	32.4
8	4×50+1×25	10/2.52	7.3	1	9.3	24.5	25.3	1.2	2×0.2×30	29.5	1.9	2	29.1	33.5
9	4×70+1×35	14/2.52	9.3	1.1	11.5	29.9	30.7	1.2	2×0.5×35	36.7	2.1	2.2	34.9	41.3
10	4×95+1×50	19/2.52	10.5	1.1	12.7	33.5	34.3	1.2	2×0.5×35	40.3	2.2	2.4	38.7	45.1
11	4×120+1×70	24/2.52	11.3	1.2	13.7	36.6	37.4	1.4	2×0.5×40	43.8	2.3	2.5	42	48.8
12	4×150+1×70	30/2.52	13.5	1.4	16.3	42.2	43	1.4	2×0.5×40	49.4	2.5	2.7	48	54.8
13	4×185+1×95	37/2.52	14.7	1.6	17.9	46.7	47.5	1.6	2×0.5×45	54.3	2.7	2.8	52.9	60.1
14	4×240+1×120	48/2.52	16.9	1.7	20.3	52.8	53.6	1.6	2×0.5×45	60.4	2.9	3	59.4	66.6
15	4×300+1×150	61/2.52	18.8	1.8	22.4	58.4	59.2	1.6	2×0.5×45	66	3.1	3.2	65.4	72.6