

Rated voltage	No,of CORES	core ×cross section (MM)	CONDUCTOR	CORE DIANETER (MM2)	INSULATION THCKNESS (MM)	BELT (MM)	JACKET THICKNESS (MM)	Reference outer diameter (MM)	Reference weight (kg/km)	DC RESISTANCE (Ω/KM)	
0.6/1KV	1	1×10	7/1.35	4.1	0.7	20×0.20	1.4	8.9	89.7	3.08	
	1	1×16	7/1.66	5.0	0.7	20×0.20	1.4	9.9	112.9	1.91	
	1	1×25	7/2.14	6.4	0.9	20×0.20	1.4	11.6	159.9	1.2	
	1	1×35	7/2.52	7.6	0.9	25×0.20	1.4	12.8	198.2	0.868	
	1	1×50	10/2.52	8.4	1.0	25×0.20	1.4	13.8	245	0.641	
	1	1×70	14/2.52	10.0	1.1	30×0.20	1.4	15.6	318.2	0.443	
	1	1×95	19/2.52	11.6	1.1	35×0.20	1.5	17.4	411.6	0.32	
	1	1×120	24/2.52	13.0	1.2	40×0.20	1.5	19	498.9	0.253	
	1	1×150	30/2.52	14.6	1.4	45×0.20	1.6	21.2	617.2	0.206	
	1	1×185	37/2.52	16.2	1.6	50×0.20	1.6	23.2	743.4	0.164	
	1	1×240	48/2.52	18.5	1.7	55×0.20	1.7	25.9	937.6	0.125	
	1	1×300	61/2.52	20.6	1.8	60×0.20	1.8	28.4	1159.2	0.1	
	1	1×400	61/2.94	23.3	2.0	60×0.20	1.9	32.2	1480.7	0.0778	
	1	1×500	60/3.29	26.6	2.2	60×0.20	2.0	35.6	1864.6	0.0605	
	1	1×630	60/3.69	29.6	2.4	60×0.20	2.2	39.4	2322	0.0469	
	2	2×10	7/1.35	4.1	0.7	30×0.20	1.8	15.2	225.3	3.08	
	2	2×16	7/1.66	5.0	0.7	35×0.20	1.8	17.2	287.9	1.91	
	2	2×25	7/2.14	6.4	0.9	40×0.20	1.8	20.6	414.2	1.2	
	2	2×35	7/2.52	7.6	0.9	50×0.20	1.8	23	517.4	0.868	
	2	2×50	10/2.52	5.7×13.5	1.0	40×0.20	1.8	19.6	483.4	0.641	
	2	2×70	14/2.52	7.0×15.6	1.1	45×0.20	1.8	22.6	633.4	0.443	
	2	2×95	19/2.52	8.3×18.0	1.1	55×0.20	1.9	25.4	818.8	0.32	
	2	2×120	24/2.52	8.9×20.8	1.2	60×0.20	2.0	27.2	1000.4	0.253	
	2	2×150	30/2.52	10.0×23.1	1.4	60×0.20	2.2	30.6	1248.9	0.206	
	2	2×185	37/2.52	11.1×25.7	1.6	60×0.20	2.3	33.8	1523.3	0.164	
	2	2×240	48/2.52	12.5×29.1	1.7	60×0.20	2.5	37.4	1924.2	0.125	
	2	2×300	61/2.52	15.0×32.2	1.8	60×0.20	2.6	43	2395.1	0.1	
	3	3×10	7/1.35	4.1	0.7	30×0.20	1.8	16.1	266.1	3.08	
	3	3×16	7/1.66	5.0	0.7	35×0.20	1.8	18.2	343	1.91	
	3	3×25	7/2.14	6.4	0.9	45×0.20	1.8	21.9	503.3	1.2	
	3	3×35	7/2.52	7.6	0.9	50×0.20	1.8	24.5	634.9	0.868	
	3	3×50	10/2.52	7.0×11.5	1.0	50×0.20	1.8	23.2	678.2	0.641	
	3	3×70	14/2.52	8.0×13.7	1.1	55×0.20	1.9	25.9	897.5	0.443	
	3	3×95	19/2.52	9.5×15.8	1.1	60×0.20	2.0	29.3	1166.6	0.32	
	3	3×120	24/2.52	10.8×18.6	1.2	60×0.20	2.1	32.7	1444.3	0.253	
	3	3×150	30/2.52	12.5×20.5	1.4	60×0.20	2.3	37.5	1810.3	0.206	
	3	3×185	37/2.52	14.3×23.3	1.6	60×0.20	2.4	42.3	2221.3	0.164	
	3	3×240	48/2.52	16.3×26.2	1.7	60×0.20	2.6	47.4	2815.6	0.125	
	3	3×300	61/2.52	18.0×29.8	1.8	60×0.20	2.7	51.6	3467.5	0.1	
	4	4×10	7/1.35	4.1	0.7	35×0.20	1.8	17.5	318.9	3.08	
	4	4×16	7/1.66	5.0	0.7	40×0.20	1.8	19.9	416.4	1.91	
	4	4×25	7/2.14	6.4	0.9	50×0.20	1.8	24	617.1	1.2	
	4	4×35	7/2.52	7.6	0.9	60×0.20	1.8	26.9	783.2	0.868	
	4	4×50	10/2.52	7.5×10.5	1.0	55×0.20	1.8	25.1	857.7	0.641	
	4	4×70	14/2.52	9.1×12.5	1.1	60×0.20	2.0	29.5	1167.5	0.443	
	4	4×95	19/2.52	11.0×13.3	1.1	60×0.20	2.1	33.8	1524.2	0.32	
	4	4×120	24/2.52	12.0×17.0	1.2	60×0.20	2.3	36.9	1894.4	0.253	
	4	4×150	30/2.52	13.9×19.7	1.4	60×0.20	2.4	42.1	2351	0.206	
	4	4×185	37/2.52	15.2×21.2	1.6	60×0.20	2.6	46.3	2891.3	0.164	
	4	4×240	48/2.52	17.3×24.3	1.7	60×0.20	2.8	51.7	3662.7	0.125	
	4	4×300	61/2.52	19.5×27.9	1.8	60×0.20	3.0	57.4	4558	0.1	
	5	5×10	7/1.35	4.1	0.7	40×0.20	1.8	19.1	378.5	3.08	
	5	5×16	7/1.66	5.0	0.7	45×0.20	1.8	21.8	498.1	1.91	
	5	5×25	7/2.14	6.4	0.9	55×0.20	1.8	26.3	741.7	1.2	
	5	5×35	7/2.52	7.6	0.9	60×0.20	1.8	29.6	947.8	0.868	
	5	5×50	10/2.52	4.8×14.2 8.4	1.0 1.0	60×0.20	1.9	27.4	1049.1	0.641	
	5	5×70	14/2.52	5.7×16.8 10.0	1.1 1.1	60×0.20	2.1	31.7	1422.9	0.443	
	5	5×95	19/2.52	6.7×19.6 11.6	1.1 1.1	60×0.20	2.2	35.5	1851.5	0.32	
	5	5×120	24/2.52	7.9×21.9 13.0	1.2 1.2	60×0.20	2.4	40.2	2319.2	0.253	
	5	5×150	30/2.52	8.5×24.6 14.6	1.4 1.4	60×0.20	2.6	44.4	2880.2	0.206	
	5	5×185	37/2.52	9.4×27.2 16.2	1.6 1.6	60×0.20	2.8	49.2	3545.6	0.164	
	5	5×240	48/2.52	10.8×31.0 18.5	1.7 1.7	60×0.20	3.0	55.2	4496.4	0.125	
	5	5×300	61/2.52	12.2×34.4 20.6	1.8 1.8	60×0.20	3.2	61	5591.6	0.1	
	4	3×16+1×10		7/1.66 7/1.35	5.0 4.1	0.7 0.7	40×0.20	1.8	19.3	392	1.91
	5	3×16+2×10		7/1.66 7/1.35 7/1.35	5.0 4.1 4.1	0.7 0.7 0.7	40×0.20	1.8	20.7	449.4	1.91
	4	3×25+1×16		7/2.14 7/1.66	6.4 5.0	0.9 0.7	50×0.20	1.8	23	566.9	1.2
	5	3×25+2×16		7/2.14 7/1.66 7/1.66	6.4 5.0 5.0	0.9 0.7 0.7	50×0.20	1.8	24.5	642.6	1.2
	4	3×35+1×16		7/2.52 7/1.66	7.6 5.0	0.9 0.7	55×0.20	1.8	25.2	689.5	0.868
	5	3×35+2×16		7/2.52 7/1.66 7/1.66	7.6 5.0 5.0	0.9 0.7 0.7	55×0.20	1.8	26.4	759.1	0.868
	4	3×50+1×25		10/2.52 7/2.16	7.2×10.8 6.0	1.0 0.9	55×0.20	1.8	25.5	785.2	0.641
	5	3×50+2×25		10/2.52 7/2.16 7/2.16	5.0×14.3 6.0 6.0	1.0 0.9 0.9	55×0.20	1.8	25.1	868	0.641
	4	3×70+1×35		14/2.52 7/2.52	9.0×13.0 7.0	1.1 0.9	60×0.20	1.9	30.3	1052.4	0.443

Rated voltage	No,of CORES	core ×cross section (MM)	CONDUCTOR	CORE DIANETER (MM2)	INSULATION THCKNESS (MM)	BELT (MM)	JACKET THICKNESS (MM)	Reference outer diameter (MM)	Referenece weight (kg/km)	DC RESISTANCE (Ω/KM)
	5	3×70+2×35	14/2.52	6.0×16.8	1.1	60×0.20	2.0	28.9	1164.4	0.443
			7/2.52	7.0	0.9					
			7/2.52	7.0	0.9					
	4	3×95+1×50	19/2.52	10.7×14.5	1.1	60×0.20	2.1	34.6	1393.1	0.32
			10/2.52	8.4	1.0					
	5	3×95+2×50	19/2.52	7.2×19.7	1.1	60×0.20	2.1	33	1536.2	0.32
			10/2.52	8.4	1.0					
			10/2.52	7.1×11.5	1.0					
	4	3×120+1×70	24/2.52	11.5×17.3	1.2	60×0.20	2.2	37.1	1726	0.253
			14/2.52	10.0	1.1					
	5	3×120+2×70	24/2.52	8.0×22.1	1.2	60×0.20	2.3	37.1	1962	0.253
			14/2.52	10.0	1.1					
			14/2.52	7.8×13.1	1.1					
	4	3×150+1×70	30/2.52	13.2×19.4	1.4	60×0.20	2.3	42.2	2084.2	0.206
			14/2.52	10.0	1.1					
	5	3×150+2×70	30/2.52	9.1×24.3	1.4	60×0.20	2.4	40.3	2300.1	0.206
			14/2.52	10.0	1.1					
			14/2.52	7.8×13.1	1.1					
	4	3×185+1×95	37/2.52	15.0×22.3	1.6	60×0.20	2.5	47.6	2598.8	0.164
			19/2.52	11.6	1.1					
	5	3×185+2×95	37/2.52	10.2×27.2	1.6	60×0.20	2.5	45.1	2863.3	0.164
			19/2.52	11.6	1.1					
			19/2.52	9.2×14.7	1.1					
	4	3×240+1×120	48/2.52	17.7×23.7	1.7	60×0.20	2.6	54.5	3276.8	0.125
			24/2.52	13.0	1.2					
	5	3×240+2×120	48/2.52	11.5×29.2	1.7	60×0.20	2.7	50	3611.4	0.125
			24/2.52	13.0	1.2					
			24/2.52	9.9×16.4	1.2					
	4	3×300+1×150	61/2.52	19.2×28.3	1.8	60×0.20	2.8	58.9	4054	0.1
			30/2.52	14.6	1.4					
	5	3×300+2×150	61/2.52	13.0×33.2	1.8	60×0.20	2.9	55.6	4497.4	0.1
			30/2.52	14.6	1.4					
			30/2.52	10.6×17.9	1.4					
	5	4×16+1×10	7/1.66	5.0	0.7	45×0.20	1.8	21.2	472.7	1.91
			7/1.35	4.1	0.7					
	5	4×25+1×16	7/2.14	6.4	0.9	55×0.20	1.8	25.4	692.5	1.2
			7/1.66	5.0	0.7					
	5	4×35+1×16	7/2.52	7.6	0.9	60×0.20	1.8	28	853.1	0.868
			7/1.66	5.0	0.7					
	5	4×50+1×25	10/2.52	5.5×13.4	1.0	55×0.20	1.9	26.3	965.4	0.641
			7/2.16	6.0	0.9					
	5	4×70+1×35	14/2.52	6.7×15.8	1.1	60×0.20	2.0	30.3	1288.9	0.443
			7/2.52	7.0	0.9					
	5	4×95+1×50	19/2.52	7.7×18.3	1.1	60×0.20	2.2	34.2	1702.1	0.32
			10/2.52	8.4	1.0					
	5	4×120+1×70	24/2.52	9.5×20.8	1.2	60×0.20	2.3	40.1	2151.3	0.253
			14/2.52	10.0	1.1					
	5	4×150+1×70	30/2.52	10.0×22.9	1.4	60×0.20	2.5	42.3	2591.6	0.206
			14/2.52	10.0	1.1					
	5	4×185+1×95	37/2.52	10.8×25.6	1.6	60×0.20	2.6	46.7	3191.5	0.164
			19/2.52	11.6	1.1					
	5	4×240+1×120	48/2.52	12.6×28.9	1.7	60×0.20	2.9	52.6	4067.9	0.125
			24/2.52	13.0	1.2					
	5	4×300+1×150	61/2.52	13.8×32.2	1.8	60×0.20	3.1	57.6	5050.2	0.1
			30/2.52	14.6	1.4					