

Rated voltage	No.of CORES	core ×cross section (MM)	CONDUCTOR	CORE DIANETER (MM2)	INSULATION THCKNESS (MM)	BELT (MM)	ARMOR (MM)	JACKET THICKNESS (MM)	Reference outer diameter (MM)	Reference weight (kg/km)	DC RESISTANCE (Ω/KM)
0.6/1KV	2	2×1.5	1/1.38	1.38	0.7	2×20×0.20	20×0.2	1.8	11.2	196.8	12.1
	2	2×2.5	1/1.78	1.78	0.7	2×20×0.20	20×0.2	1.8	12	233.5	7.41
	2	2×4	1/2.25	2.25	0.7	2×20×0.20	20×0.2	1.8	13	284.3	4.61
	2	2×6	1/2.76	2.76	0.7	2×20×0.20	20×0.2	1.8	14	344.9	3.08
	2	2×10	7/1.35	4.05	0.7	2×20×0.20	20×0.2	1.8	17	532	1.83
	2	2×16	7/1.66	4.98	0.7	2×20×0.20	20×0.2	1.8	19	696.5	1.15
	2	2×25	7/2.14	6.42	0.9	2×25×0.20	25×0.2	1.8	22.6	1028.5	0.727
	2	2×35	7/2.52	7.56	0.9	2×25×0.20	25×0.2	1.8	25	1309.9	0.524
	2	2×50	10/2.52	5.7×13.5	1.0	2×40×0.20	25×0.2	1.8	21	1248.8	0.387
	2	2×70	14/2.52	7.0×15.6	1.1	2×50×0.20	25×0.2	1.9	24.2	1677.7	0.268
	2	2×95	19/2.52	8.3×18.0	1.1	2×55×0.20	25×0.2	2.0	27	2205.5	0.193
	2	2×120	24/2.52	8.9×20.8	1.2	2×60×0.20	25×0.5	2.1	30	2994.1	0.153
	2	2×150	30/2.52	10.0×23.1	1.4	2×60×0.20	30×0.5	2.3	33.4	3663.3	0.124
	2	2×185	37/2.52	11.1×25.7	1.6	2×60×0.20	30×0.5	2.4	36.6	4424.8	0.0991
	2	2×240	48/2.52	12.5×29.1	1.7	2×60×0.30	30×0.5	2.6	40.8	5617.4	0.0754
	2	2×300	61/2.52	15.0×32.2	1.8	2×60×0.30	35×0.5	2.7	46.4	6994.8	0.0601
	3	3×1.5	1/1.38	1.38	0.7	2×20×0.20	20×0.2	1.8	11.6	223.3	12.1
	3	3×2.5	1/1.78	1.78	0.7	2×20×0.20	20×0.2	1.8	12.5	269	7.41
	3	3×4	1/2.25	2.25	0.7	2×20×0.20	20×0.2	1.8	13.6	335.7	4.61
	3	3×6	1/2.76	2.76	0.7	2×20×0.20	20×0.2	1.8	14.7	416.8	3.08
	3	3×10	7/1.35	4.05	0.7	2×20×0.20	20×0.2	1.8	17.9	637.6	1.83
	3	3×16	7/1.66	4.98	0.7	2×20×0.20	25×0.2	1.8	20.1	851	1.15
	3	3×25	7/2.14	6.42	0.9	2×25×0.20	25×0.2	1.8	23.9	1271.2	0.727
	3	3×35	7/2.52	7.56	0.9	2×25×0.20	25×0.2	1.8	26.5	1639.3	0.524
	3	3×50	10/2.52	7.0×11.5	1.0	2×50×0.20	25×0.2	1.8	24.6	1776.6	0.387
	3	3×70	14/2.52	8.0×13.7	1.1	2×55×0.20	25×0.2	1.9	27.3	2379.6	0.268
	3	3×95	19/2.52	9.5×15.8	1.1	2×60×0.20	30×0.2	2.1	30.9	3168.1	0.193
	3	3×120	24/2.52	10.8×18.6	1.2	2×60×0.20	30×0.5	2.2	35.5	4278.7	0.153
	3	3×150	30/2.52	12.5×20.5	1.4	2×60×0.20	30×0.5	2.4	40.3	5272.4	0.124
	3	3×185	37/2.52	14.3×23.3	1.6	2×60×0.20	35×0.5	2.5	45.1	6415.4	0.0991
	3	3×240	48/2.52	16.3×26.2	1.7	2×60×0.30	35×0.5	2.7	50.8	8177.3	0.0754
	3	3×300	61/2.52	18.0×29.8	1.8	2×60×0.30	35×0.5	2.9	55.2	10125.2	0.0601
	4	4×1.5	1/1.38	1.38	0.7	2×20×0.20	20×0.2	1.8	12.4	255	12.1
	4	4×2.5	1/1.78	1.78	0.7	2×20×0.20	20×0.2	1.8	13.3	315.1	7.41
	4	4×4	1/2.25	2.25	0.7	2×20×0.20	20×0.2	1.8	14.6	398.3	4.61
	4	4×6	1/2.76	2.76	0.7	2×20×0.20	20×0.2	1.8	15.8	500.6	3.08
	4	4×10	7/1.35	4.05	0.7	2×20×0.20	20×0.2	1.8	19.4	776.2	1.83
	4	4×16	7/1.66	4.98	0.7	2×25×0.20	25×0.2	1.8	21.8	1043	1.15
	4	4×25	7/2.14	6.42	0.9	2×25×0.20	25×0.2	1.8	26.1	1579.3	0.727
	4	4×35	7/2.52	7.56	0.9	2×25×0.20	25×0.2	1.8	29	2049.4	0.524
	4	4×50	10/2.52	7.5×10.5	1.0	2×55×0.20	25×0.2	1.9	26.7	2286.2	0.387
	4	4×70	14/2.52	9.1×12.5	1.1	2×60×0.20	30×0.2	2.0	30.9	3101.5	0.268
	4	4×95	19/2.52	11.0×13.3	1.1	2×60×0.20	30×0.5	2.2	36.6	4502.9	0.193
	4	4×120	24/2.52	12.0×17.0	1.2	2×60×0.20	30×0.5	2.4	39.7	5540	0.153
	4	4×150	30/2.52	13.9×19.7	1.4	2×60×0.30	35×0.5	2.5	45.5	6876.1	0.124
	4	4×185	37/2.52	15.2×21.2	1.6	2×60×0.30	35×0.5	2.7	49.7	8350.4	0.0991
	4	4×240	48/2.52	17.3×24.3	1.7	2×60×0.30	35×0.5	2.9	55.1	10566.6	0.0754
	4	4×300	61/2.52	19.5×27.9	1.8	2×60×0.30	45×0.5	3.1	60.8	13155.7	0.0601
	5	5×1.5	1/1.38	1.38	0.7	2×20×0.20	20×0.2	1.8	13.2	289.8	12.1
	5	5×2.5	1/1.78	1.78	0.7	2×20×0.20	20×0.2	1.8	14.2	362.1	7.41
	5	5×4	1/2.25	2.25	0.7	2×20×0.20	20×0.2	1.8	15.6	464.8	4.61
	5	5×6	1/2.76	2.76	0.7	2×20×0.20	20×0.2	1.8	16.9	588.6	3.08
	5	5×10	7/1.35	4.05	0.7	2×25×0.20	25×0.2	1.8	20.9	920.4	1.83
	5	5×16	7/1.66	4.98	0.7	2×25×0.20	25×0.2	1.8	23.6	1248.5	1.15
	5	5×25	7/2.14	6.42	0.9	2×25×0.20	25×0.2	1.8	28.5	1914.5	0.727
	5	5×35	7/2.52	7.56	0.9	2×30×0.20	30×0.2	1.9	31.9	2507.5	0.524
5	5×50	10/2.52	4.8×14.2	1.0	2×60×0.20	25×0.2	2.0	29	2798.7	0.387	
5			8.4	1.0							
5	5×70	14/2.52	5.7×16.8	1.1	2×60×0.20	30×0.5	2.2	34.5	4145.4	0.268	
5			10	1.1							
5	5×95	19/2.52	6.7×19.6	1.1	2×60×0.20	30×0.5	2.3	38.3	5440.8	0.193	
5			11.6	1.1							
5	5×120	24/2.52	7.9×21.9	1.2	2×60×0.20	35×0.5	2.5	43	6760.5	0.153	
5			13	1.2							
5	5×150	30/2.52	8.5×24.6	1.4	2×60×0.30	35×0.5	2.7	47.8	8358.6	0.124	
5			14.6	1.4							
5	5×185	37/2.52	9.4×27.2	1.6	2×60×0.30	35×0.5	2.9	52.6	10183.2	0.0991	
5			16.2	1.6							
5	5×240	48/2.52	10.8×31.0	1.7	2×60×0.30	45×0.5	3.1	58.6	12925.2	0.0754	
5			18.5	1.7							
5	5×300	61/2.52	12.2×34.4	1.8	2×60×0.30	45×0.5	3.3	64.4	16110.3	0.0601	
5			20.6	1.8							
4	3×4+1×2.5	1/2.25	2.25	0.7	2×20×0.20	20×0.2	1.8	14.3	355	4.61	
5			1/1.78	1.78							0.7
5	3×4+2×2.5	1/2.25	2.25	0.7	2×20×0.20	20×0.2	1.8	15.1	377.6	4.61	
4			1/1.78	1.78							0.7
4	3×6+1×4	1/2.76	2.76	0.7	2×20×0.20	20×0.2	1.8	15.5	439.2	3.08	
5			1/2.25	2.25							0.7

Rated voltage	No. of CORES	core x cross section (MM)	CONDUCTOR	CORE DIAMETER (MM ²)	INSULATION THICKNESS (MM)	BELT (MM)	ARMOR (MM)	JACKET THICKNESS (MM)	Reference outer diameter (MM)	Reference weight (kg/km)	DC RESISTANCE (Ω/KM)
0.6/1KV	5	3×6+2×4	1/2.76	2.76	0.7	2×20×0.20	20×0.2	1.8	16.4	468	3.08
			1/2.25	2.25	0.7						
			1/2.25	2.25	0.7						
	4	3×10+1×6	7/1.35	4.05	0.7	2×20×0.20	20×0.2	1.8	18.7	659.8	1.83
			7/1.04	3.12	0.7						
	5	3×10+2×6	7/1.35	4.05	0.7	2×20×0.20	25×0.2	1.8	19.8	699.5	1.83
			7/1.04	3.12	0.7						
			7/1.04	3.12	0.7						
	4	3×16+1×10	7/1.66	4.98	0.7	2×25×0.20	25×0.2	1.8	21.2	884.1	1.15
			7/1.35	4.05	0.7						
	5	3×16+2×10	7/1.66	4.98	0.7	2×25×0.20	25×0.2	1.8	22.5	932.1	1.15
			7/1.35	4.05	0.7						
			7/1.35	4.05	0.7						
	4	3×25+1×16	7/2.14	6.42	0.9	2×25×0.20	25×0.2	1.8	25	1301.8	0.727
			7/1.66	4.98	0.7						
	5	3×25+2×16	7/2.14	6.42	0.9	2×25×0.20	25×0.2	1.8	26.5	1363.3	0.727
			7/1.66	4.98	0.7						
			7/1.66	4.98	0.7						
	4	3×35+1×16	7/2.52	7.56	0.9	2×25×0.20	25×0.2	1.8	27.2	1648.2	0.524
			7/1.66	4.98	0.7						
	5	3×35+2×16	7/2.52	7.56	0.9	2×25×0.20	25×0.2	1.8	28.5	1702.9	0.524
			7/1.66	4.98	0.7						
			7/1.66	4.98	0.7						
	4	3×50+1×25	10/2.52	7.2×10.8	1.0	2×55×0.20	25×0.2	1.8	26.9	2059	0.387
			7/2.16	6	0.9						
	5	3×50+2×25	10/2.52	5.0×14.3	1.0	2×55×0.20	25×0.2	1.9	26.7	2305.1	0.387
			7/2.16	6	0.9						
			7/2.16	6	0.9						
	4	3×70+1×35	14/2.52	9.0×13.0	1.1	2×60×0.20	30×0.2	2.0	31.9	2799.8	0.268
			7/2.52	7	0.9						
	5	3×70+2×35	14/2.52	6.0×16.8	1.1	2×60×0.20	30×0.2	2.0	30.3	3092.9	0.268
			7/2.52	7	0.9						
			7/2.52	7	0.9						
	4	3×95+1×50	19/2.52	10.7×14.5	1.1	2×60×0.20	30×0.5	2.1	37.2	4092.3	0.193
			10/2.52	8.4	1.0						
	5	3×95+2×50	19/2.52	7.2×19.7	1.1	2×60×0.20	30×0.5	2.2	35.8	4520.3	0.193
			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	2×60×0.20	30×0.5	2.3	39.9	5068	0.153
			14/2.52	10	1.1						
	5	3×120+2×70	24/2.52	8.0×22.1	1.2	2×60×0.20	30×0.5	2.4	39.9	5721.4	0.153
			14/2.52	10	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	2×60×0.20	35×0.5	2.4	45	6062.9	0.124
			14/2.52	10	1.1						
	5	3×150+2×70	30/2.52	9.1×24.3	1.4	2×60×0.20	35×0.5	2.5	43.1	6657.2	0.124
			14/2.52	10	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	2×60×0.30	35×0.5	2.6	51	7546.2	0.0991
			19/2.52	11.6	1.1						
5	3×185+2×95	37/2.52	10.2×27.2	1.6	2×60×0.30	35×0.5	2.7	48.7	8357.9	0.0991	
		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	2×60×0.30	45×0.5	2.8	58.1	9550.5	0.0754	
		24/2.52	13	1.2							
5	3×240+2×120	48/2.52	11.5×29.2	1.7	2×60×0.30	35×0.5	2.9	53.6	10513.4	0.0754	
		24/2.52	13	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	2×60×0.30	45×0.5	2.9	62.3	11750.3	0.0601	
		30/2.52	14.6	1.4							
5	3×300+2×150	61/2.52	13.0×33.2	1.8	2×60×0.30	45×0.5	3.1	59.2	13056.3	0.0601	
		30/2.52	14.6	1.4							
		30/2.52	10.6×17.9	1.4							
5	4×4+1×2.5	1/2.25	2.25	0.7	2×20×0.20	20×0.2	1.8	15.3	421.1	4.61	
		1/1.78	1.78	0.7							
5	4×6+1×4	1/2.76	2.76	0.7	2×20×0.20	20×0.2	1.8	16.7	526.8	3.08	
		1/2.25	2.25	0.7							
5	4×10+1×6	7/1.35	4.05	0.7	2×20×0.20	25×0.2	1.8	20.4	812.3	1.83	
		7/1.04	3.12	0.7							
5	4×16+1×10	7/1.66	4.98	0.7	2×25×0.20	25×0.2	1.8	23.1	1093	1.15	
		7/1.35	4.05	0.7							
5	4×25+1×16	7/2.14	6.42	0.9	2×25×0.20	25×0.2	1.8	27.5	1637.7	0.727	
		7/1.66	4.98	0.7							
5	4×35+1×16	7/2.52	7.56	0.9	2×25×0.20	30×0.2	1.8	30.1	2094.1	0.524	
		7/1.66	4.98	0.7							
5	4×50+1×25	10/2.52	5.5×13.4	1.0	2×55×0.20	25×0.2	2.0	27.9	2558.6	0.387	
		7/2.16	6	0.9							

Rated voltage	No.of CORES	core ×cross section (MM)	CONDUCTOR	CORE DIANETER (MM2)	INSULATION THCKNESS (MM)	BELT (MM)	ARMOR (MM)	JACKET THICKNESS (MM)	Reference outer diameter (MM)	Reference weight (kg/km)	DC RESISTANCE (Ω/KM)
0.6/1KV	5	4×70+1×35	14/2.52	6.7×15.8	1.1	2×60×0.20	30×0.5	2.1	33.1	3775.4	0.268
			7/2.52	7	0.9						
	5	4×95+1×50	19/2.52	7.7×18.3	1.1	2×60×0.20	30×0.5	2.3	37	4986.4	0.193
			10/2.52	8.4	1.0						
	5	4×120+1×70	24/2.52	9.5×20.8	1.2	2×60×0.20	35×0.5	2.4	42.9	6282.7	0.153
			14/2.52	10	1.1						
	5	4×150+1×70	30/2.52	10.0×22.9	1.4	2×60×0.30	35×0.5	2.6	45.7	7538.5	0.124
			14/2.52	10	1.1						
	5	4×185+1×95	37/2.52	10.8×25.6	1.6	2×60×0.30	35×0.5	2.8	50.3	9261.4	0.0991
			19/2.52	11.6	1.1						
	5	4×240+1×120	48/2.52	12.6×28.9	1.7	2×60×0.30	35×0.5	3.0	56	11719.3	0.0754
			24/2.52	13	1.2						
	5	4×300+1×150	61/2.52	13.8×32.2	1.8	2×60×0.30	45×0.5	3.2	61	14558.5	0.0601
			30/2.52	14.6	1.4						

