

Rated voltage	No,of CORES	core ×cross section (MM)	CONDUCTOR	CORE DIANETER (MM2)	INSULATION THCKNESS (MM)	BELT (MM)	INNER SHEATH THCKNESS (MM)	ARMOR (MM)	OUTER SHEATH THCKNESS (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	20×0.20	1.0	34×0.8	1.8	13.9	333.7	12.1
	2	2×2.5	1/1.78	1.78	0.7	20×0.20	1.0	37×0.8	1.8	14.7	379.9	7.41
	2	2×4	1/2.25	2.25	0.7	20×0.20	1.0	41×0.8	1.8	15.7	443.6	4.61
	2	2×6	1/2.76	2.76	0.7	20×0.20	1.0	44×0.8	1.8	16.7	513	3.08
	2	2×10	7/1.35	4.05	0.7	20×0.20	1.0	35×1.25	1.8	20.2	824.3	1.83
	2	2×16	7/1.66	4.98	0.7	20×0.20	1.0	40×1.25	1.8	22.2	1014.2	1.15
	2	2×25	7/2.14	6.42	0.9	25×0.20	1.0	39×1.6	1.8	26.5	1541.6	0.727
	2	2×35	7/2.52	7.56	0.9	25×0.20	1.0	43×1.6	1.8	28.9	1848.9	0.524
	2	2×50	10/2.52	5.7×13.5	1.0	40×0.20	1.0	36×1.6	1.8	24.8	1806.3	0.387
	2	2×70	14/2.52	7.0×15.6	1.1	45×0.20	1.0	41×1.6	2.0	28.2	2320.1	0.268
	2	2×95	19/2.52	8.3×18.0	1.1	55×0.20	1.2	38×2.0	2.1	32.2	3179.2	0.193
	2	2×120	24/2.52	8.9×20.8	1.2	60×0.20	1.2	40×2.0	2.2	34	3731	0.153
	2	2×150	30/2.52	10.0×23.1	1.4	60×0.20	1.2	45×2.0	2.3	37.2	4474.6	0.124
	2	2×185	37/2.52	11.1×25.7	1.6	60×0.20	1.4	40×2.5	2.5	42	5714.8	0.0991
	2	2×240	48/2.52	12.5×29.1	1.7	60×0.20	1.4	44×2.5	2.7	45.6	6976.5	0.0754
	2	2×300	61/2.52	15.0×32.2	1.8	60×0.20	1.6	51×2.5	2.8	51.6	8607.6	0.0601
	3	3×1.5	1/1.38	1.38	0.7	20×0.20	1.0	36×0.8	1.8	14.4	366.6	12.1
	3	3×2.5	1/1.78	1.78	0.7	20×0.20	1.0	39×0.8	1.8	15.2	421.8	7.41
	3	3×4	1/2.25	2.25	0.7	20×0.20	1.0	43×0.8	1.8	16.3	501.1	4.61
	3	3×6	1/2.76	2.76	0.7	20×0.20	1.0	47×0.8	1.8	17.4	594.8	3.08
	3	3×10	7/1.35	4.05	0.7	20×0.20	1.0	38×1.25	1.8	21.1	965	1.83
	3	3×16	7/1.66	4.98	0.7	20×0.20	1.0	43×1.25	1.8	23.3	1205.3	1.15
	3	3×25	7/2.14	6.42	0.9	25×0.20	1.0	41×1.6	1.8	27.8	1832.1	0.727
	3	3×35	7/2.52	7.56	0.9	25×0.20	1.0	46×1.6	1.8	30.4	2247.3	0.524
	3	3×50	10/2.52	7.0×11.5	1.0	50×0.20	1.0	42×1.6	1.9	28.6	2431.4	0.387
	3	3×70	14/2.52	8.0×13.7	1.1	55×0.20	1.2	39×2.0	2.0	32.5	3375.3	0.268
	3	3×95	19/2.52	9.5×15.8	1.1	60×0.20	1.2	44×2.0	2.2	36.1	4289	0.193
	3	3×120	24/2.52	10.8×18.6	1.2	60×0.20	1.2	48×2.0	2.3	39.5	5151.6	0.153
	3	3×150	30/2.52	12.5×20.5	1.4	60×0.20	1.4	45×2.5	2.5	45.7	6717.4	0.124
	3	3×185	37/2.52	14.3×23.3	1.6	60×0.20	1.4	50×2.5	2.6	50.5	8006.1	0.0991
3	3×240	48/2.52	16.3×26.2	1.7	60×0.20	1.6	56×2.5	2.8	56	9934.9	0.0754	
3	3×300	61/2.52	18.0×29.8	1.8	60×0.20	1.6	61×2.5	3.0	60.4	12037.8	0.0601	
4	4×1.5	1/1.38	1.38	0.7	20×0.20	1.0	38×0.8	1.8	15.1	404	12.1	
4	4×2.5	1/1.78	1.78	0.7	20×0.20	1.0	42×0.8	1.8	16.1	477.1	7.41	
4	4×4	1/2.25	2.25	0.7	20×0.20	1.0	47×0.8	1.8	17.3	576.6	4.61	
4	4×6	1/2.76	2.76	0.7	20×0.20	1.0	34×1.25	1.8	19.4	832.1	3.08	
4	4×10	7/1.35	4.05	0.7	20×0.20	1.0	41×1.25	1.8	22.6	1123.3	1.83	
4	4×16	7/1.66	4.98	0.7	25×0.20	1.0	37×1.6	1.8	25.7	1570.4	1.15	
4	4×25	7/2.14	6.42	0.9	25×0.20	1.0	45×1.6	1.8	30	2188.7	0.727	

Rated voltage	No,of CORES	core ×cross section (MM)	CONDUCTOR	CORE DIANETER (MM2)	INSULATION THCKNESS (MM)	BELT (MM)	INNER SHEATH THCKNESS (MM)	ARMOR (MM)	OUTER SHEATH THCKNESS (MM)	Reference outer diameter (MM)	Reference weight (kg/km)	DC RESISTANCE (Ω/KM)
0.6/1KV	4	4×35	7/2.52	7.56	0.9	25×0.20	1.0	50×1.6	1.9	33.1	2718.6	0.524
	4	4×50	10/2.52	7.5×10.5	1.0	55×0.20	1.0	46×1.6	2.0	30.7	3001.8	0.387
	4	4×70	14/2.52	9.1×12.5	1.1	60×0.20	1.2	44×2.0	2.2	36.3	4236.4	0.268
	4	4×95	19/2.52	11.0×13.3	1.1	60×0.20	1.2	50×2.0	2.3	40.6	5412.5	0.193
	4	4×120	24/2.52	12.0×17.0	1.2	60×0.20	1.4	44×2.5	2.5	45.1	6952.2	0.153
	4	4×150	30/2.52	13.9×19.7	1.4	60×0.20	1.4	50×2.5	2.6	50.3	8407.1	0.124
	4	4×185	37/2.52	15.2×21.2	1.6	60×0.20	1.4	55×2.5	2.8	54.5	10035.1	0.0991
	4	4×240	48/2.52	17.3×24.3	1.7	60×0.20	1.6	61×2.5	3.0	60.3	12480.6	0.0754
	4	4×300	61/2.52	19.5×27.9	1.8	60×0.20	1.6	67×2.5	3.2	66	15248.1	0.0601
	5	5×1.5	1/1.38	1.38	0.7	20×0.20	1.0	41×0.8	1.8	15.9	448.3	12.1
	5	5×2.5	1/1.78	1.78	0.7	20×0.20	1.0	45×0.8	1.8	17	533.2	7.41
	5	5×4	1/2.25	2.25	0.7	20×0.20	1.0	33×1.25	1.8	19.3	786.5	4.61
	5	5×6	1/2.76	2.76	0.7	20×0.20	1.0	36×1.25	1.8	20.6	936	3.08
	5	5×10	7/1.35	4.05	0.7	25×0.20	1.0	45×1.25	1.8	24.1	1294	1.83
	5	5×16	7/1.66	4.98	0.7	25×0.20	1.0	40×1.6	1.8	27.5	1806.5	1.15
	5	5×25	7/2.14	6.42	0.9	25×0.20	1.0	50×1.6	1.8	32.4	2574.3	0.727
	5	5×35	7/2.52	7.56	0.9	30×0.20	1.0	55×1.6	1.9	35.8	3206	0.524
	5	5×50	10/2.52	4.8×14.2 8.4	1.0 1.0	60×0.20	1.2	41×2.0	2.1	34.2	3844.3	0.387
	5	5×70	14/2.52	5.7×16.8 10	1.1 1.1	60×0.20	1.2	47×2.0	2.3	38.5	5006.2	0.268
	5	5×95	19/2.52	6.7×19.6 11.6	1.1 1.1	60×0.20	1.4	43×2.5	2.4	43.7	6825.4	0.193
	5	5×120	24/2.52	7.9×21.9 13	1.2 1.2	60×0.20	1.4	48×2.5	2.6	48.4	8297.4	0.153
	5	5×150	30/2.52	8.5×24.6 14.6	1.4 1.4	60×0.20	1.4	52×2.5	2.8	52.6	9948.5	0.124
	5	5×185	37/2.52	9.4×27.2 16.2	1.6 1.6	60×0.20	1.6	58×2.5	3.0	57.8	12008.4	0.0991
	5	5×240	48/2.52	10.8×31.0 18.5	1.7 1.7	60×0.20	1.6	65×2.5	3.2	63.8	14965.5	0.0754
	5	5×300	61/2.52	12.2×34.4 20.6	1.8 1.8	60×0.20	1.8	57×3.15	3.4	71.3	19200.7	0.0601
	4	3×4+1×2.5	1/2.25 1/1.78	2.25 1.78	0.7 0.7	20×0.20	1.0	45×0.8	1.8	17	526.1	4.61
	5	3×4+2×2.5	1/2.25 1/1.78 1/1.78	2.25 1.78 1.78	0.7 0.7 0.7	20×0.20	1.0	32×1.25	1.8	18.7	691.4	4.61

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0.6/1KV	4	3×6+1×4	1/2.76	2.76	0.7	20×0.20	1.0	33×1.25	1.8	19.1	761.6	3.08
			1/2.25	2.25	0.7							
	5	3×6+2×4	1/2.76	2.76	0.7	20×0.20	1.0	35×1.25	1.8	20.1	807.1	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	20×0.20	1.0	39×1.25	1.8	21.9	996.4	1.83
			7/1.04	3.12	0.7							
	5	3×10+2×6	7/1.35	4.05	0.7	20×0.20	1.0	42×1.25	1.8	23	1056.1	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	25×0.20	1.0	45×1.25	1.8	24.4	1255.2	1.15
			7/1.35	4.05	0.7							
	5	3×16+2×10	7/1.66	4.98	0.7	25×0.20	1.0	38×1.6	1.8	26.4	1472.1	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	25×0.20	1.0	43×1.6	1.8	28.9	1896.5	0.727
			7/1.66	4.98	0.7							
	5	3×25+2×16	7/2.14	6.42	0.9	25×0.20	1.0	46×1.6	1.8	30.4	1990.2	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	25×0.20	1.0	47×1.6	1.8	31.1	2284.6	0.524
			7/1.66	4.98	0.7							
	5	3×35+2×16	7/2.52	7.56	0.9	25×0.20	1.0	50×1.6	1.8	32.4	2374.1	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	55×0.20	1.0	47×1.6	1.9	30.9	2787.7	0.387
			7/2.16	6	0.9							
	5	3×50+2×25	10/2.52	5.0×14.3	1.0	55×0.20	1.0	46×1.6	2.0	30.7	3020.6	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	60×0.20	1.2	45×2.0	2.1	37.1	3940.6	0.268
			7/2.52	7	0.9							
5	3×70+2×35	14/2.52	6.0×16.8	1.1	60×0.20	1.2	43×2.0	2.1	35.5	4186.5	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	60×0.20	1.2	51×2.0	2.2	41.2	5014.8	0.193	
		10/2.52	8.4	1.0								

Rated voltage	No,of CORES	core ×cross section (MM)	CONDUCTOR	CORE DIANETER (MM2)	INSULATION THCKNESS (MM)	BELT (MM)	INNER SHEATH THCKNESS (MM)	ARMOR (MM)	OUTER SHEATH THCKNESS (MM)	Reference outer diameter (MM)	Reference weight (kg/km)	DC RESISTANCE (Ω/KM)
0.6/1KV	5	3×95+2×50	19/2.52	7.2×19.7	1.1	60×0.20	1.2	49×2.0	2.3	39.8	5415	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	60×0.20	1.2	54×2.0	2.4	43.9	6040.2	0.153
			14/2.52	10	1.1							
	5	3×120+2×70	24/2.52	8.0×22.1	1.2	60×0.20	1.4	44×2.5	2.5	45.3	7131	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	60×0.20	1.4	50×2.5	2.5	50.4	7649.8	0.124
			14/2.52	10	1.1							
	5	3×150+2×70	30/2.52	9.1×24.3	1.4	60×0.20	1.4	48×2.5	2.6	48.5	8192.8	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	60×0.20	1.4	56×2.5	2.7	55.8	9248.1	0.0991
			19/2.52	11.6	1.1							
	5	3×185+2×95	37/2.52	10.2×27.2	1.6	60×0.20	1.4	53×2.5	2.8	53.5	9975.6	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	60×0.20	1.6	65×2.5	2.9	63.3	11582.1	0.0754
			24/2.52	13	1.2							
	5	3×240+2×120	48/2.52	11.5×29.2	1.7	60×0.20	1.6	59×2.5	3.0	58.8	12366	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	60×0.20	1.6	69×2.5	3.0	67.5	13893.9	0.0601
			30/2.52	14.6	1.4							
	5	3×300+2×150	61/2.52	13.0×33.2	1.8	60×0.20	1.6	65×2.5	3.2	64.4	15088.7	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	20×0.20	1.0	33×1.25	1.8	19	744	4.61	
		1/1.78	1.78	0.7								
5	4×6+1×4	1/2.76	2.76	0.7	20×0.20	1.0	36×1.25	1.8	20.3	875.3	3.08	
		1/2.25	2.25	0.7								
5	4×10+1×6	7/1.35	4.05	0.7	20×0.20	1.0	43×1.25	1.8	23.6	1172.2	1.83	
		7/1.04	3.12	0.7								
5	4×16+1×10	7/1.66	4.98	0.7	25×0.20	1.0	40×1.6	1.8	27	1658.8	1.15	
		7/1.35	4.05	0.7								
5	4×25+1×16	7/2.14	6.42	0.9	25×0.20	1.0	48×1.6	1.8	31.4	2284	0.727	
		7/1.66	4.98	0.7								

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0.6/1KV	5	4×35+1×16	7/2.52	7.56	0.9	25×0.20	1.0	52×1.6	1.9	34.2	2791.6	0.524
			7/1.66	4.98	0.7							
	5	4×50+1×25	10/2.52	5.5×13.4	1.0	55×0.20	1.2	39×2.0	2.1	33.1	3555.6	0.387
			7/2.16	6	0.9							
	5	4×70+1×35	14/2.52	6.7×15.8	1.1	60×0.20	1.2	45×2.0	2.2	37.1	4599.1	0.268
			7/2.52	7	0.9							
	5	4×95+1×50	19/2.52	7.7×18.3	1.1	60×0.20	1.2	50×2.0	2.4	41	5895	0.193
			10/2.52	8.4	1.0							
	5	4×120+1×70	24/2.52	9.5×20.8	1.2	60×0.20	1.4	48×2.5	2.5	48.3	7815.8	0.153
			14/2.52	10	1.1							
	5	4×150+1×70	30/2.52	10.0×22.9	1.4	60×0.20	1.4	50×2.5	2.7	50.5	9071.7	0.124
			14/2.52	10	1.1							
	5	4×185+1×95	37/2.52	10.8×25.6	1.6	60×0.20	1.6	55×2.5	2.9	55.5	10990.1	0.0991
			19/2.52	11.6	1.1							
	5	4×240+1×120	48/2.52	12.6×28.9	1.7	60×0.20	1.6	62×2.5	3.1	61.2	13667.1	0.0754
			24/2.52	13	1.2							
	5	4×300+1×150	61/2.52	13.8×32.2	1.8	60×0.20	1.6	54×3.15	3.3	67.5	17433.8	0.0601
			30/2.52	14.6	1.4							