

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	2×10	7/1.35	4.05	0.7	20×0.20	1	35×1.25	1.8	20.2	697.5	3.08
	2	2×16	7/1.66	4.98	0.7	20×0.20	1	40×1.25	1.8	22.2	822.4	1.91
	2	2×25	7/2.14	6.42	0.9	25×0.20	1	39×1.6	1.8	26.5	1222.8	1.2
	2	2×35	7/2.52	7.56	0.9	25×0.20	1	43×1.6	1.8	28.9	1406.8	0.868
	2	2×50	10/2.52	5.7×13.5	1	40×0.20	1	36×1.6	1.8	24.8	1206.1	0.641
	2	2×70	14/2.52	7.0×15.6	1.1	45×0.20	1	41×1.6	2	28.2	1479.8	0.443
	2	2×95	19/2.52	8.3×18.0	1.1	55×0.20	1.2	38×2.0	2.1	32.2	2022.2	0.32
	2	2×120	24/2.52	8.9×20.8	1.2	60×0.20	1.2	40×2.0	2.2	34	2269.6	0.253
	2	2×150	30/2.52	10.0×23.1	1.4	60×0.20	1.2	45×2.0	2.3	37.2	2656.5	0.206
	2	2×185	37/2.52	11.1×25.7	1.6	60×0.20	1.4	40×2.5	2.5	42	3472.6	0.164
	2	2×240	48/2.52	12.5×29.1	1.7	60×0.20	1.4	44×2.5	2.7	45.6	4067.6	0.125
	2	2×300	61/2.52	15.0×32.2	1.8	60×0.20	1.6	51×2.5	2.8	51.6	4910.9	0.1
	3	3×10	7/1.35	4.05	0.7	20×0.20	1	38×1.25	1.8	21.1	774.7	3.08
	3	3×16	7/1.66	4.98	0.7	20×0.20	1	43×1.25	1.8	23.3	917.5	1.91
	3	3×25	7/2.14	6.42	0.9	25×0.20	1	41×1.6	1.8	27.8	1353.9	1.2
	3	3×35	7/2.52	7.56	0.9	25×0.20	1	46×1.6	1.8	30.4	1584.3	0.868
	3	3×50	10/2.52	7.0×11.5	1	50×0.20	1	42×1.6	1.9	28.6	1531	0.641
	3	3×70	14/2.52	8.0×13.7	1.1	55×0.20	1.2	39×2.0	2	32.5	2114.8	0.443
	3	3×95	19/2.52	9.5×15.8	1.1	60×0.20	1.2	44×2.0	2.2	36.1	2553.5	0.32
	3	3×120	24/2.52	10.8×18.6	1.2	60×0.20	1.2	48×2.0	2.3	39.5	2959.4	0.253
	3	3×150	30/2.52	12.5×20.5	1.4	60×0.20	1.4	45×2.5	2.5	45.7	3990.4	0.206
	3	3×185	37/2.52	14.3×23.3	1.6	60×0.20	1.4	50×2.5	2.6	50.5	4642.8	0.164
	3	3×240	48/2.52	16.3×26.2	1.7	60×0.20	1.6	56×2.5	2.8	56	5571.6	0.125
	3	3×300	61/2.52	18.0×29.8	1.8	60×0.20	1.6	61×2.5	3	60.4	6492.9	0.1
	4	4×10	7/1.35	4.05	0.7	20×0.20	1	41×1.25	1.8	22.6	869.6	3.08
	4	4×16	7/1.66	4.98	0.7	25×0.20	1	37×1.6	1.8	25.7	1186.7	1.91
	4	4×25	7/2.14	6.42	0.9	25×0.20	1	45×1.6	1.8	30	1551.1	1.2
	4	4×35	7/2.52	7.56	0.9	25×0.20	1	50×1.6	1.9	33.1	1834.5	0.868
	4	4×50	10/2.52	7.5×10.5	1	55×0.20	1	46×1.6	2	30.7	1801.3	0.641
	4	4×70	14/2.52	9.1×12.5	1.1	60×0.20	1.2	44×2.0	2.2	36.3	2555.7	0.443
	4	4×95	19/2.52	11.0×13.3	1.1	60×0.20	1.2	50×2.0	2.3	40.6	3098.5	0.32
	4	4×120	24/2.52	12.0×17.0	1.2	60×0.20	1.4	44×2.5	2.5	45.1	4029.3	0.253
	4	4×150	30/2.52	13.9×19.7	1.4	60×0.20	1.4	50×2.5	2.6	50.3	4771	0.206
4	4×185	37/2.52	15.2×21.2	1.6	60×0.20	1.4	55×2.5	2.8	54.5	5550.6	0.164	
4	4×240	48/2.52	17.3×24.3	1.7	60×0.20	1.6	61×2.5	3	60.3	6662.9	0.125	
4	4×300	61/2.52	19.5×27.9	1.8	60×0.20	1.6	67×2.5	3.2	66	7854.8	0.1	
5	5×10	7/1.35	4.05	0.7	25×0.20	1	45×1.25	1.8	24.1	976.9	3.08	
5	5×16	7/1.66	4.98	0.7	25×0.20	1	40×1.6	1.8	27.5	1327	1.91	

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0.6/1KV	5	5×25	7/2.14	6.42	0.9	25×0.20	1	50×1.6	1.8	32.4	1777.3	1.2
	5	5×35	7/2.52	7.56	0.9	30×0.20	1	55×1.6	1.9	35.8	2100.8	0.868
	5	5×50	10/2.52	4.8×14.2 8.4	1 1	60×0.20	1.2	41×2.0	2.1	34.2	2343.7	0.641
	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	2905.4	0.443
	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	3933	0.32
	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	4643.7	0.253
	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	5403.4	0.206
	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	57.8	6402.8	0.164
	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	7693.4	0.125
	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	9959	0.1
	4	3×16+1×10	7/1.66 7/1.35	4.98 4.05	0.7 0.7	25×0.20	1	45×1.25	1.8	24.4	966.4	1.91
	5	3×16+2×10	7/1.66 7/1.35 7/1.35	4.98 4.05 4.05	0.7 0.7 0.7	25×0.20	1	38×1.6	1.8	26.4	1183.3	1.91
	4	3×25+1×16	7/2.14 7/1.66	6.42 4.98	0.9 0.7	25×0.20	1	43×1.6	1.8	28.9	1416.5	1.2
	5	3×25+2×16	7/2.14 7/1.66 7/1.66	6.42 4.98 4.98	0.9 0.7 0.7	25×0.20	1	46×1.6	1.8	30.4	1510.1	1.2
	4	3×35+1×16	7/2.52 7/1.66	7.56 4.98	0.9 0.7	25×0.20	1	47×1.6	1.8	31.1	1618.9	0.868
	5	3×35+2×16	7/2.52 7/1.66 7/1.66	7.56 4.98 4.98	0.9 0.7 0.7	25×0.20	1	50×1.6	1.8	32.4	1708.4	0.868
	4	3×50+1×25	10/2.52 7/2.16	7.2×10.8 6	1 0.9	55×0.20	1	47×1.6	1.9	30.9	1733	0.641

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	3×50+2×25	10/2.52	5.0×14.3	1	55×0.20	1	46×1.6	2	30.7	1811.6	0.641
			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	2470	0.443
			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	2505.9	0.443
			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	2979.2	0.32
			10/2.52	8.4	1							
	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	3079.3	0.32
			10/2.52	8.4	1							
			10/2.52	7.1×11.5	1							
	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	3427.9	0.253
			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	4098.5	0.253
			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	4502.6	0.206
			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	4625.4	0.206
			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	5306.2	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	1.4	53×2.5	2.8	53.5	5455.2	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	1.6	65×2.5	2.9	63.3	6488.1	0.125	
		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	58.8	6541.3	0.125	
		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	67.5	7439.9	0.1	
		30/2.52	14.6	1.4								

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0.6/1KV	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	7725.7	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	4.98	0.7	25×0.20	1	40×1.6	1.8	27	1273.6	1.91
			7/1.35	4.05	0.7							
	5	4×25+1×16	7/2.14	6.42	0.9	25×0.20	1	48×1.6	1.8	31.4	1643.9	1.2
			7/1.66	4.98	0.7							
	5	4×35+1×16	7/2.52	7.56	0.9	25×0.20	1	52×1.6	1.9	34.2	1904	0.868
			7/1.66	4.98	0.7							
	5	4×50+1×25	10/2.52	5.5×13.4	1	55×0.20	1.2	39×2.0	2.1	33.1	2200.8	0.641
			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	2708.3	0.443
			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	3280.9	0.32
			10/2.52	8.4	1							
	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	4472.7	0.253
			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	5015.5	0.206
			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	5927.2	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	1.6	62×2.5	3.1	61.2	7118.7	0.125	
		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	9131.5	0.1	
		30/2.52	14.6	1.4								