

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	4.05	0.7	20×0.20	1.4	8.9	152.7	1.83	
	1	1×16	7/1.66	4.98	0.7	20×0.20	1.4	9.9	208.2	1.15	
	1	1×25	7/2.14	6.42	0.9	20×0.20	1.4	11.6	318.3	0.727	
	1	1×35	7/2.52	7.56	0.9	20×0.20	1.4	12.8	418	0.524	
	1	1×50	10/2.52	8.4	1	25×0.20	1.4	13.8	544	0.387	
	1	1×70	14/2.52	10	1.1	30×0.20	1.4	15.6	736.7	0.268	
	1	1×95	19/2.52	11.6	1.1	35×0.20	1.5	17.4	987.8	0.193	
	1	1×120	24/2.52	13	1.2	40×0.20	1.5	19	1226.7	0.153	
	1	1×150	30/2.52	14.6	1.4	45×0.20	1.6	21.2	1522.6	0.124	
	1	1×185	37/2.52	16.2	1.6	50×0.20	1.6	23.2	1860	0.0991	
	1	1×240	48/2.52	18.5	1.7	55×0.20	1.7	25.9	2386.3	0.0754	
	1	1×300	61/2.52	20.6	1.8	60×0.20	1.8	28.4	3000.1	0.0601	
	1	1×400	61/2.94	23.3	2	60×0.20	1.9	32.2	3870	0.047	
	1	1×500	60/3.29	26.6	2.2	60×0.20	2	35.6	4951	0.0366	
	1	1×630	60/3.69	29.6	2.4	60×0.20	2.2	39.4	6204.5	0.0283	
	2	2×1.5	1/1.38	1.38	1.38	0.7	20×0.20	1.8	9.8	122.1	12.1
	2	2×2.5	1/1.78	1.78	1.78	0.7	20×0.20	1.8	10.6	151.8	7.41
	2	2×4	1/2.25	2.25	2.25	0.7	20×0.20	1.8	11.6	193.9	4.61
	2	2×6	1/2.76	2.76	2.76	0.7	20×0.20	1.8	12.6	245.8	3.08
	2	2×10	7/1.35	4.05	4.05	0.7	30×0.20	1.8	15.2	352.1	1.83
	2	2×16	7/1.66	4.98	4.98	0.7	35×0.20	1.8	17.2	479.7	1.15
	2	2×25	7/2.14	6.42	6.42	0.9	40×0.20	1.8	20.6	733	0.727
	2	2×35	7/2.52	7.56	7.56	0.9	50×0.20	1.8	23	959.5	0.524
	2	2×50	10/2.52	8.4	5.7×13.5	1	40×0.20	1.8	19.6	1083.6	0.387
	2	2×70	14/2.52	10	7.0×15.6	1.1	45×0.20	1.8	22.6	1473.8	0.268
	2	2×95	19/2.52	11.6	8.3×18.0	1.1	55×0.20	1.9	25.4	1975.8	0.193
	2	2×120	24/2.52	13	8.9×20.8	1.2	60×0.20	2	27.2	2461.9	0.153
	2	2×150	30/2.52	14.6	10.0×23.1	1.4	60×0.20	2.2	30.6	3066.9	0.124
	2	2×185	37/2.52	16.2	11.1×25.7	1.6	60×0.20	2.3	33.8	3765.6	0.0991
	2	2×240	48/2.52	18.5	12.5×29.1	1.7	60×0.20	2.5	37.4	4833.1	0.0754
	2	2×300	61/2.52	20.6	15.0×32.2	1.8	60×0.20	2.6	43	6091.7	0.0601
	3	3×1.5	1/1.38	1.38	1.38	0.7	20×0.20	1.8	10.2	144.1	12.1
	3	3×2.5	1/1.78	1.78	1.78	0.7	20×0.20	1.8	11.1	182.9	7.41
	3	3×4	1/2.25	2.25	2.25	0.7	20×0.20	1.8	12.2	240	4.61
	3	3×6	1/2.76	2.76	2.76	0.7	20×0.20	1.8	13.3	311.6	3.08
	3	3×10	7/1.35	4.05	4.05	0.7	30×0.20	1.8	16.1	456.4	1.83
	3	3×16	7/1.66	4.98	4.98	0.7	35×0.20	1.8	18.2	630.8	1.15
	3	3×25	7/2.14	6.42	6.42	0.9	45×0.20	1.8	21.9	981.5	0.727
	3	3×35	7/2.52	7.56	7.56	0.9	50×0.20	1.8	24.5	1298	0.524
	3	3×50	10/2.52	8.4	7.0×11.5	1	50×0.20	1.8	23.2	1578.5	0.387
	3	3×70	14/2.52	10	8.0×13.7	1.1	55×0.20	1.9	25.9	2158	0.268
	3	3×95	19/2.52	11.6	9.5×15.8	1.1	60×0.20	2	29.3	2902.1	0.193

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0.6/1KV	3	3×120	24/2.52	10.8×18.6	1.2	60×0.20	2.1	32.7	3636.5	0.153
	3	3×150	30/2.52	12.5×20.5	1.4	60×0.20	2.3	37.5	4537.4	0.124
	3	3×185	37/2.52	14.3×23.3	1.6	60×0.20	2.4	42.3	5584.6	0.0991
	3	3×240	48/2.52	16.3×26.2	1.7	60×0.20	2.6	47.4	7178.8	0.0754
	3	3×300	61/2.52	18.0×29.8	1.8	60×0.20	2.7	51.6	9012.4	0.0601
	4	4×1.5	1/1.38	1.38	0.7	20×0.20	1.8	11	169.8	12.1
	4	4×2.5	1/1.78	1.78	0.7	20×0.20	1.8	11.9	221.2	7.41
	4	4×4	1/2.25	2.25	0.7	20×0.20	1.8	13.2	293.9	4.61
	4	4×6	1/2.76	2.76	0.7	20×0.20	1.8	14.4	385.7	3.08
	4	4×10	7/1.35	4.05	0.7	35×0.20	1.8	17.5	572.6	1.83
	4	4×16	7/1.66	4.98	0.7	40×0.20	1.8	19.9	800	1.15
	4	4×25	7/2.14	6.42	0.9	50×0.20	1.8	24	1254.7	0.727
	4	4×35	7/2.52	7.56	0.9	60×0.20	1.8	26.9	1667.3	0.524
	4	4×50	10/2.52	7.5×10.5	1	55×0.20	1.8	25.1	2058.2	0.387
	4	4×70	14/2.52	9.1×12.5	1.1	60×0.20	2	29.5	2848.2	0.268
	4	4×95	19/2.52	11.0×13.3	1.1	60×0.20	2.1	33.8	3838.2	0.193
	4	4×120	24/2.52	12.0×17.0	1.2	60×0.20	2.3	36.9	4817.3	0.153
	4	4×150	30/2.52	13.9×19.7	1.4	60×0.20	2.4	42.1	5987.1	0.124
	4	4×185	37/2.52	15.2×21.2	1.6	60×0.20	2.6	46.3	7375.8	0.0991
	4	4×240	48/2.52	17.3×24.3	1.7	60×0.20	2.8	51.7	9480.4	0.0754
	4	4×300	61/2.52	19.5×27.9	1.8	60×0.20	3	57.4	11951.3	0.0601
	5	5×1.5	1/1.38	1.38	0.7	20×0.20	1.8	11.8	197.6	12.1
	5	5×2.5	1/1.78	1.78	0.7	20×0.20	1.8	12.8	260.3	7.41
	5	5×4	1/2.25	2.25	0.7	20×0.20	1.8	14.2	350.8	4.61
	5	5×6	1/2.76	2.76	0.7	20×0.20	1.8	15.5	463.3	3.08
	5	5×10	7/1.35	4.05	0.7	40×0.20	1.8	19.1	695.7	1.83
	5	5×16	7/1.66	4.98	0.7	45×0.20	1.8	21.8	977.7	1.15
	5	5×25	7/2.14	6.42	0.9	55×0.20	1.8	26.3	1538.7	0.727
	5	5×35	7/2.52	7.56	0.9	60×0.20	1.8	29.6	2052.9	0.524
	5	5×50	10/2.52	4.8×14.2	1	60×0.20	1.9	27.4	2549.7	0.387
				8.4	1					
	5	5×70	14/2.52	5.7×16.8	1.1	60×0.20	2.1	31.7	3523.7	0.268
				10	1.1					
	5	5×95	19/2.52	6.7×19.6	1.1	60×0.20	2.2	35.5	4744	0.193
				11.6	1.1					
	5	5×120	24/2.52	7.9×21.9	1.2	60×0.20	2.4	40.2	5972.8	0.153
				13	1.2					
	5	5×150	30/2.52	8.5×24.6	1.4	60×0.20	2.6	44.4	7425.2	0.124
				14.6	1.4					
	5	5×185	37/2.52	9.4×27.2	1.6	60×0.20	2.8	49.2	9151.1	0.0991
				16.2	1.6					

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0.6/1KV	5	5×240	48/2.52	10.8×31.0	1.7	60×0.20	3	55.2	11768.5	0.0754	
				18.5	1.7						
	5	5×300	61/2.52	12.2×34.4	1.8	60×0.20	3.2	61	14833.3	0.0601	
				20.6	1.8						
	5	3×4+1×2.5	1/2.25	2.25	0.7	20×0.20	1.8	12.9	253.2	4.61	
				1/1.78	1.78						0.7
	5	3×4+2×2.5	1/2.25	2.25	0.7	20×0.20	1.8	13.7	268.8	4.61	
				1/1.78	1.78						0.7
				1/1.78	1.78						0.7
	4	3×6+1×4	1/2.76	2.76	0.7	20×0.20	1.8	14.1	326.9	3.08	
				1/2.25	2.25						0.7
	5	3×6+2×4	1/2.76	2.76	0.7	20×0.20	1.8	15	347	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	35×0.20	1.8	16.9	525.3	1.83	
				7/1.04	3.12						0.7
	5	3×10+2×6	7/1.35	4.05	0.7	35×0.20	1.8	18	602.8	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	40×0.20	1.8	19.3	744.3	1.15	
				7/1.35	4.05						0.7
	5	3×16+2×10	7/1.66	4.98	0.7	40×0.20	1.8	20.7	865.1	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	50×0.20	1.8	23	1142.9	0.727	
				7/1.66	4.98						0.7
	5	3×25+2×16	7/2.14	6.42	0.9	50×0.20	1.8	24.5	1314.5	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	55×0.20	1.8	25.2	1451.1	0.524	
7/1.66				4.98	0.7						
5	3×35+2×16	7/2.52	7.56	0.9	55×0.20	1.8	26.4	1616.6	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	55×0.20	1.8	25.5	1839.9	0.387		
			7/2.16	6						0.9	
5	3×50+2×25	10/2.52	5.0×14.3	1	55×0.20	1.8	25.1	2077.1	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	60×0.20	1.9	30.3	2523	0.268		
			7/2.52	7						0.9	

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	5	3×70+2×35	14/2.52	6.0×16.8	1.1	60×0.20	2	28.9	2845	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	2.1	34.6	3428.7	0.193
			10/2.52	8.4	1					
	5	3×95+2×50	19/2.52	7.2×19.7	1.1	60×0.20	2.1	33	3871.9	0.193
			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	2.2	37.1	4338.4	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	2.3	37.1	4994.5	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	2.3	42.2	5231.4	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	2.4	40.3	5867.5	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	2.5	47.6	6540.7	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	2.5	45.1	7383.7	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	2.6	54.5	8370.8	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	2.7	50	9436.1	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	2.8	58.9	10508	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	2.9	55.6	11860.4	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	1.8	13.9	309.8	4.61	
		1/1.78	1.78	0.7						
5	4×6+1×4	1/2.76	2.76	0.7	20×0.20	1.8	15.3	404.1	3.08	
		1/2.25	2.25	0.7						
5	4×10+1×6	7/1.35	4.05	0.7	35×0.20	1.8	18.5	648.8	1.83	
		7/1.04	3.12	0.7						
5	4×16+1×10	7/1.66	4.98	0.7	45×0.20	1.8	21.2	921.3	1.15	
		7/1.35	4.05	0.7						

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0.6/1KV	5	4×25+1×16	7/2.14	6.42	0.9	55×0.20	1.8	25.4	1428.5	0.727
			7/1.66	4.98	0.7					
	5	4×35+1×16	7/2.52	7.56	0.9	60×0.20	1.8	28	1836.6	0.524
			7/1.66	4.98	0.7					
	5	4×50+1×25	10/2.52	5.5×13.4	1	55×0.20	1.9	26.3	2320.3	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	2	30.3	3179.6	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	2.2	34.2	4316.2	0.193
			10/2.52	8.4	1					
	5	4×120+1×70	24/2.52	9.5×20.8	1.2	60×0.20	2.3	40.1	5494.4	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	2.5	42.3	6647.9	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	2.6	46.7	8254.5	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	2.9	52.6	10616.3	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	3.1	57.6	13352.6	0.0601	
		30/2.52	14.6	1.4						