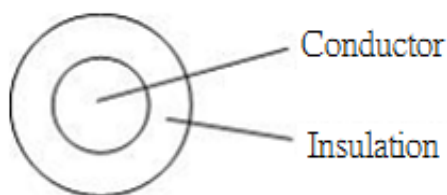


Polyvinyl Chloride(PVC) Insulated, Polyvinyl Chloride(PVC) material Sheathed power Cable



Cable constructure:

Conductor : Round Compacted or non-compacted stranded

Insulation : Lead-Free Polyvinyl Chloride

Binding tape: If necessary

Jacket : Lead-Free Polyvinyl Chloride

Standard: CNS 3301, JIS C3342

Voltage rated: Under 600V

Scope : Electrical circulation system

Single core

Conductor			Thickness of Insulation	Thickness of Sheath	Overall Diameter (Approx.)	Max. Conductor Resistance (20℃)	A.C. Test Voltage	Minimum Insulation Resistance (20℃)	(Ref.)	
Nominal Cross-Sectional Area	Composit-ion	Outer Diameter (Approx.)							Weight (Approx.)	Standard Single Length
mm ² 或 mm	No./mm	mm	mm	mm	mm	Ω/km	V/1min	MΩ · km	kg/km	M
2.0	7/0.6	1.8	2.3(0.8)	1.5	6.4	9.24	1500	50	65	300
3.5	7/0.8	2.4	2.3(0.8)		7.0	5.20			87	
5.5	7/1.0	3.0	2.5(1.0)		8.0	3.33			120	
8	7/1.2	3.6	2.7(1.2)		9.0	2.31			159	
14	7/1.6	4.8	2.9(1.4)		10.6	1.30	2000	40	243	
22	7/2.0	6.0	3.1(1.6)		12.2	0.824			347	
30	7/2.3	6.9	3.1(1.6)		13.1	0.623			428	
38	7/2.6	7.8	3.3(1.8)		14.4	0.487	2500	30	532	
50	19/—	8.2	3.3(1.8)		14.8	0.366			631	
60	19/—	9.2	3.3(1.8)		15.8	0.305			755	
80	19/—	10.5	3.5(2.0)		17.5	0.229			965	
100	19/—	11.9	3.5(2.0)		18.9	0.183	3000	20	1189	
125	19/—	13.2	3.7(2.1)	1.6	20.6	0.146			1457	
150	37/—	14.8	3.8(2.2)		22.4	0.122			1751	
200	37/—	16.7	4.1(2.4)	1.7	24.9	0.0915			2213	200
250	61/—	19.0	4.2(2.4)	1.8	27.4	0.0739	2792			
325	61/—	21.5	4.5(2.6)	1.9	30.5	0.0568	3494		150	
400	61/—	24.0	4.6(2.6)	2.0	33.2	0.0462	4319			
500	61/—	26.2	4.9(2.8)	2.1	36.0	0.0369	3500	5219	100	
1.0 ϕ	1/1.0	1.0	2.3	—	5.6	22.8	1500	50	46	300
1.2 ϕ	1/1.2	1.2	2.3	—	5.8	15.8			51	
1.6 ϕ	1/1.6	1.6	2.3	—	6.2	8.92			64	
2.0 ϕ	1/2.0	2.0	2.3	—	6.6	5.65			79	
2.6 ϕ	1/2.6	2.6	2.5	—	7.6	3.35			116	

Controversies, if any, concerning the catalog shall submit to the CNS 3301 C2058



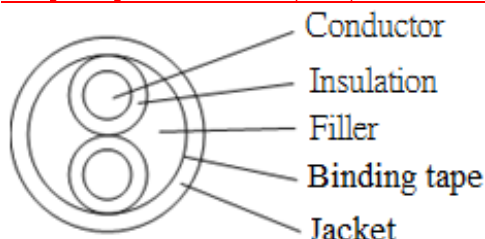
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Ta Ya Electric Wire & Cable Co., Ltd.

Polyvinyl Chloride(PVC) Insulated, Polyvinyl Chloride(PVC) material Sheathed power Cable



Scope : Electrical circulation system

Two core

Cable constructure:

Conductor : Round Compacted or non-compacted stranded

Insulation : Lead-Free Polyvinyl Chloride

Assembly: For multi-core type cable

Binding tape: If necessary

Jacket : Lead-Free Polyvinyl Chloride

Standard: CNS 3301,JIS C3342

Voltage rated: Under 600V

Conductor			Thickness of Insulation	Thickness of Sheath	Overall Diameter (Approx.)	Max. Conductor Resistance (20°C)	A.C. Test Voltage	Minimum Insulation Resistance (20°C)	(Ref.)	
Nominal Cross-Sectional Area	Composit-ion	Outer Diameter (Approx.)							Weight (Approx.)	Standard Single Length
mm ² 或 mm	No./mm	mm	mm	mm	mm	Ω/km	V/1min	MΩ · km	kg/km	M
2.0	7/0.6	1.8	0.8	1.5	9.8	9.42	1500	50	149	300
3.5	7/0.8	2.4	0.8	1.5	11.0	5.30			203	200
5.5	7/1.0	3.0	1.0	1.5	13.0	3.40			292	150
8	7/1.2	3.6	1.2	1.5	15.0	2.36			398	
14	7/1.6	4.8	1.4	1.5	18.2	1.33	2000	40	624	300
22	7/2.0	6.0	1.6	1.6	21.6	0.840			911	
30	7/2.3	6.9	1.6	1.6	23.4	0.635			1118	
38	7/2.6	7.8	1.8	1.7	26.2	0.497			1413	
50	19/---	8.2	1.8	1.8	27.2	0.373	2500	30	1652	
60	19/---	9.2	1.8	1.9	29.4	0.311			1982	
80	19/---	10.5	2.0	2.0	33.0	0.234			2544	
100	19/---	11.9	2.0	2.1	36.0	0.187			3130	
125	19/---	13.2	2.2	2.2	39.6	0.149	3000	20	3844	
150	37/---	14.8	2.2	2.3	43.0	0.124		30	4598	
200	37/---	16.7	2.4	2.6	48.2	0.0933		20	5828	200
250	61/---	19.0	2.4	2.7	53.0	0.0754			7283	
325	61/---	21.5	2.6	3.0	59.4	0.0579			9153	150
1.0 ϕ	1/1.0	1.0	0.8	1.5	8.2	23.3	1500	50	95	300
1.2 ϕ	1/1.2	1.2	0.8	1.5	8.6	16.1			108	
1.6 ϕ	1/1.6	1.6	0.8	1.5	9.4	9.1			139	
2.0 ϕ	1/2.0	2.0	0.8	1.5	10.2	5.76			176	
2.6 ϕ	1/2.6	2.6	1.0	1.5	12.2	3.42			264	200

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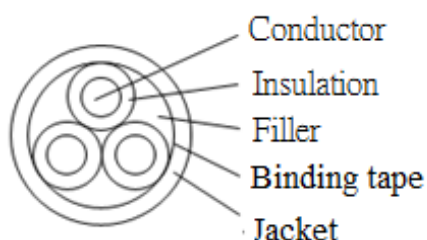
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Ta Ya Electric Wire & Cable Co.,Ltd.

Polyvinyl Chloride(PVC) Insulated, Polyvinyl Chloride(PVC) material Sheathed power Cable



Scope : Electrical circulation system

Three core

Cable constructure:

Conductor : Round Compacted or non-compacted stranded

Insulation : Lead-Free Polyvinyl Chloride

Assembly: For multi-core type cable

Binding tape: If necessary

Jacket : Lead-Free Polyvinyl Chloride

Standard: CNS 3301, JIS C3342

Voltage rated: Under 600V

Conductor			Thickness of Insulation	Thickness of Sheath	Overall Diameter (Approx.)	Max. Conductor Resistance (20°C)	A.C. Test Voltage	Minimum Insulation Resistance (20°C)	(Ref.)	
Nominal Cross-Sectional Area	Composition	Outer Diameter (Approx.)							Weight (Approx.)	Standard Single Length
mm ² 或 mm	No./mm	mm	mm	mm	mm	Ω/km	V/1min	MΩ · km	kg/km	M
2.0	7/0.6	1.8	0.8	1.5	10.3	9.42	1500	50	174	200
3.5	7/0.8	2.4			11.6	5.30			242	200
5.5	7/1.0	3.0			13.8	3.40			353	300
8	7/1.2	3.6			15.9	2.36			483	
14	7/1.6	4.8			19.4	1.33			767	
22	7/2.0	6.0	1.6	1.6	23	0.840	2000	40	1128	
30	7/2.3	6.9	1.6	1.7	25.2	0.635			1407	
38	7/2.6	7.8	1.8	1.8	28.2	0.497			1778	
50	19/—	8.2	1.8	1.8	29	0.373	2500	30	2113	
60	19/—	9.2	1.8	1.9	31.4	0.311			2545	
80	19/—	10.5	2.0	2.1	35.4	0.234			3293	
100	19/—	11.9	2.0	2.2	38.7	0.187			4067	
125	19/—	13.2	2.2	2.3	42.5	0.149	3000	20	5003	
150	37/—	14.8	2.2	2.5	46.4	0.124		30	6048	
200	37/—	16.7	2.4	2.7	51.7	0.0933		20	7641	200
250	61/—	19.0	2.4	2.9	57.1	0.0754			9641	
325	61/—	21.5	2.6	3.1	63.7	0.0579			12076	
1.0 ϕ	1/1.0	1.0	0.8	1.5	8.6	23.3	1500	50	109	300
1.2 ϕ	1/1.2	1.2	0.8		9.0	16.1			126	
1.6 ϕ	1/1.6	1.6	0.8		9.9	9.10			166	200
2.0 ϕ	1/2.0	2.0	0.8		10.8	5.76			214	150
2.6 ϕ	1/2.6	2.6	1.0		12.9	3.42			326	

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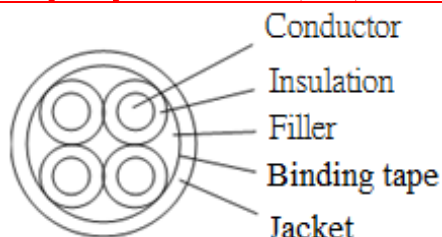
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Ta Ya Electric Wire & Cable Co., Ltd.

Polyvinyl Chloride(PVC) Insulated, Polyvinyl Chloride(PVC) material Sheathed power Cable



Scope : Electrical circulation system

Four core

Cable constructure:

Conductor : Round Compacted or non-compacted stranded

Insulation : Lead-Free Polyvinyl Chloride

Assembly: For multi-core type cable

Binding tape: If necessary

Jacket : Lead-Free Polyvinyl Chloride

Standard: CNS 3301, JIS C3342

Voltage rated: Under 600V

Conductor			Thickness of Insulation	Thickness of Sheath	Overall Diameter (Approx.)	Max. Conductor Resistance (20°C)	A.C. Test Voltage	Minimum Insulation Resistance (20°C)	(Ref.)	
Nominal Cross-Sectional Area	Composit-ion	Outer Diameter (Approx.)							Weight (Approx.)	Standard Single Length
mm ² 或 mm	No./mm	mm	mm	mm	mm	Ω/km	V/1min	MΩ · km	kg/km	M
2.0	7/0.6	1.8	0.8	1.5	11.2	9.42	1500	50	212	200
3.5	7/0.8	2.4			12.7	5.30			299	150
5.5	7/1.0	3.0			15.1	3.40			438	300
8	7/1.2	3.6			17.5	2.36			604	
14	7/1.6	4.8	1.4	1.6	21.5	1.33	2000	40	975	
22	7/2.0	6.0	1.6	1.7	25.6	0.840			1439	
30	7/2.3	6.9	1.6	1.8	28.0	0.635			1798	
38	7/2.6	7.8	1.8	1.9	31.3	0.497	2500	30	2272	
50	19/—	8.2	1.8	2.0	32.5	0.373			2731	
60	19/—	9.2	1.8	2.1	35.1	0.311			3289	
80	19/—	10.5	2.0	2.2	39.4	0.234			4235	
100	19/—	11.9	2.0	2.4	43.2	0.187	3000	20	5259	
125	19/—	13.2	2.2	2.5	47.5	0.149			6472	
150	37/—	14.8	2.2	2.7	51.7	0.124			7820	
200	37/—	16.7	2.4	2.9	57.7	0.0933			9884	200
250	61/—	19.0	2.4	3.1	63.7	0.0754	1500	50	12482	
325	61/—	21.5	2.6	3.4	71.3	0.0579			15670	
1.0 ϕ	1/1.0	1.0	0.8	1.5	9.3	23.3			130	300
1.2 ϕ	1/1.2	1.2	0.8		9.8	16.1			152	200
1.6 ϕ	1/1.6	1.6	0.8		10.7	9.10			202	
2.0 ϕ	1/2.0	2.0	0.8		11.7	5.76			263	150
2.6 ϕ	1/2.6	2.6	1.0		14.1	3.42			405	300

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