



河南泰诺电缆有限公司

HENAN TANO CABLE CO.,LTD.



CONTROL CABLE TO IEC 60502 STANDARD



Henan Tano Cable Co., Ltd.(Tano Cable for short), is a leading and professional manufacturer of cable and wire with more than 20 years' history and manufacturing experience, located in Zhengzhou city which is the capital of Henan province, China.

Tano Cable aims at providing integral power solution for international customers. We are working together as one company to provide products and technologies for building, maintaining and advancing the power and information infrastructures that connect the world. We mainly have the following products with strong competitiveness: All Aluminum Conductors (AAC), All Aluminum Alloy Conductors (AAAC), Aluminum Conductors Steel Reinforcement (ACSR) , Aerial Bundled Cables (ABC), building wire, welding cable, control cable, instrument cable, rubber cable, PVC insulated power cable, XLPE insulated power cable up to 500KV, customer-tailored cable and cable accessories, conforming to many different Country or international standard, such as IEC, HAR, BS, DIN, ICEA, ASTM, SABS, AS/NZS, JIS and so on.

Tano Cable pays great importance on the quality. We have strong teams and equipments for both production and inspection. Moreover, we have been awarded many certificates of ISO, CE, SONCAP, others from China and abroad. We keep improving our quality management system to meet the client's final satisfaction.

Tano Cable has provided services to the global clients who working in all areas of the energy, construction, industrial, specialty and communications market, and obtained the client's trust and compliment.

Welcome your any inquiry! Welcome your any visit! Welcome your any contact! We will take our biggest sincerity to be your long-term friend and partner.





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TANO
C A B L E



Control Cable 0.6/1 kV CVV to IEC 60502 Standard (2-30 core)

APPLICATION

For supervisory electrical equipment, station control circuits, outdoor, suitable installation in dry or wet cable trenches.

CONSTRUCTION

Conductor: Concentric Stranded copper wire

Insulation: PVC Black color

Identification: Printed White number on the surface of Black insulation

Filler: Suitable filler

Binding tape: Suitable tape

Sheath: PVC Black color

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CONSTRUCTION PARAMETER

2 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
2	0.5	7/0.30	0.8	1.8	10	36	0.0162	98	500/D
	0.75	7/0.37	0.8	1.8	10	24.5	0.0142	110	500/D
	1	7/0.40	0.8	1.8	10.5	18.1	0.0135	115	500/D
	1.5	7/0.50	0.8	1.8	11	12.1	0.0115	135	500/D
	2.5	7/0.67	0.8	1.8	12	7.41	0.0093	180	500/D
	4	7/0.85	1	1.8	14.5	4.61	0.0092	255	500/D
	6	7/1.04	1	1.8	15.5	3.08	0.0078	320	500/D

3 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
3	0.5	7/0.30	0.8	1.8	10	36	0.0162	110	500/D
	0.75	7/0.37	0.8	1.8	10.5	24.5	0.0142	125	500/D
	1	7/0.40	0.8	1.8	11	18.1	0.0135	135	500/D
	1.5	7/0.50	0.8	1.8	11.5	12.1	0.0115	160	500/D
	2.5	7/0.67	0.8	1.8	13	7.41	0.0093	220	500/D
	4	7/0.85	1	1.8	15	4.61	0.0092	315	500/D
	6	7/1.04	1	1.8	16.5	3.08	0.0078	405	500/D

4 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
4	0.5	7/0.30	0.8	1.8	11	36	0.0162	130	500/D
	0.75	7/0.37	0.8	1.8	11.5	24.5	0.0142	150	500/D
	1	7/0.40	0.8	1.8	11.5	18.1	0.0135	160	500/D
	1.5	7/0.50	0.8	1.8	12.5	12.1	0.0115	195	500/D
	2.5	7/0.67	0.8	1.8	14	7.41	0.0093	265	500/D
	4	7/0.85	1	1.8	16.5	4.61	0.0092	390	500/D
	6	7/1.04	1	1.8	17	3.08	0.0078	510	500/D

5 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
5	0.5	7/0.30	0.8	1.8	11.5	36	0.0162	150	500/D
	0.75	7/0.37	0.8	1.8	12.5	24.5	0.0142	175	500/D
	1	7/0.40	0.8	1.8	12.5	18.1	0.0135	190	500/D
	1.5	7/0.50	0.8	1.8	13.5	12.1	0.0115	230	500/D
	2.5	7/0.67	0.8	1.8	15	7.41	0.0093	320	500/D
	4	7/0.85	1	1.8	18	4.61	0.0092	470	500/D
	6	7/1.04	1	1.8	19.5	3.08	0.0078	620	500/D

6 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
6	0.5	7/0.30	0.8	1.8	12.5	36	0.0162	165	500/D
	0.75	7/0.37	0.8	1.8	13	24.5	0.0142	190	500/D
	1	7/0.40	0.8	1.8	13.5	18.1	0.0135	205	500/D
	1.5	7/0.50	0.8	1.8	14.5	12.1	0.0115	255	500/D
	2.5	7/0.67	0.8	1.8	16	7.41	0.0093	355	500/D
	4	7/0.85	1	1.8	19.5	4.61	0.0092	525	500/D
	6	7/1.04	1	1.8	21	3.08	0.0078	690	500/D

7 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
7	0.5	7/0.30	0.8	1.8	12.5	36	0.0162	170	500/D
	0.75	7/0.37	0.8	1.8	13	24.5	0.0142	200	500/D
	1	7/0.40	0.8	1.8	13.5	18.1	0.0135	215	500/D
	1.5	7/0.50	0.8	1.8	14.5	12.1	0.0115	270	500/D
	2.5	7/0.67	0.8	1.8	16	7.41	0.0093	330	500/D
	4	7/0.85	1	1.8	19.5	4.61	0.0092	570	500/D
	6	7/1.04	1	1.8	21	3.08	0.0078	795	500/D

C A B L E

8 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
8	0.5	7/0.30	0.8	1.8	13.5	36	0.0162	195	500/D
	0.75	7/0.37	0.8	1.8	14	24.5	0.0142	230	500/D
	1	7/0.40	0.8	1.8	14.5	18.1	0.0135	250	500/D
	1.5	7/0.50	0.8	1.8	15.5	12.1	0.0115	310	500/D
	2.5	7/0.67	0.8	1.8	17.5	7.41	0.0093	440	500/D
	4	7/0.85	1	1.8	21	4.61	0.0092	660	500/D
	6	7/1.04	1	1.8	23	3.08	0.0078	875	500/D

9 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
9	0.5	7/0.30	0.8	1.8	14	36	0.0162	220	500/D
	0.75	7/0.37	0.8	1.8	15	24.5	0.0142	265	500/D
	1	7/0.40	0.8	1.8	15.5	18.1	0.0135	285	500/D
	1.5	7/0.50	0.8	1.8	16.5	12.1	0.0115	355	500/D
	2.5	7/0.67	0.8	1.8	18.5	7.41	0.0093	505	500/D
	4	7/0.85	1	1.8	22.5	4.61	0.0092	760	500/D
	6	7/1.04	1	1.8	24.5	3.08	0.0078	1015	500/D

10 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
10	0.5	7/0.30	0.8	1.8	15.5	36	0.0162	240	500/D
	0.75	7/0.37	0.8	1.8	16	24.5	0.0142	285	500/D
	1	7/0.40	0.8	1.8	16.5	18.1	0.0135	310	500/D
	1.5	7/0.50	0.8	1.8	18	12.1	0.0115	385	500/D
	2.5	7/0.67	0.8	1.8	20	7.41	0.0093	550	500/D
	4	7/0.85	1	1.8	24.5	4.61	0.0092	825	500/D
	6	7/1.04	1	1.8	27	3.08	0.0078	1100	500/D

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11Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
11	0.5	7/0.30	0.8	1.8	15.5	36	0.0162	255	500/D
	0.75	7/0.37	0.8	1.8	16.5	24.5	0.0142	315	500/D
	1	7/0.40	0.8	1.8	17	18.1	0.0135	340	500/D
	1.5	7/0.50	0.8	1.8	18.5	12.1	0.0115	425	500/D
	2.5	7/0.67	0.8	1.8	21	7.41	0.0093	605	500/D
	4	7/0.85	1	1.8	25	4.61	0.0092	915	500/D
	6	7/1.04	1	1.8	27.5	3.08	0.0078	1220	500/D

12Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
12	0.5	7/0.30	0.8	1.8	15.5	36	0.0162	265	500/D
	0.75	7/0.37	0.8	1.8	16.5	24.5	0.0142	320	500/D
	1	7/0.40	0.8	1.8	17	18.1	0.0135	345	500/D
	1.5	7/0.50	0.8	1.8	18.5	12.1	0.0115	440	500/D
	2.5	7/0.67	0.8	1.8	21	7.41	0.0093	630	500/D
	4	7/0.85	1	1.8	25	4.61	0.0092	950	500/D
	6	7/1.04	1	1.8	27.5	3.08	0.0078	1270	500/D

13 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
13	0.5	7/0.30	0.8	1.8	16.5	36	0.0162	295	500/D
	0.75	7/0.37	0.8	1.8	17.5	24.5	0.0142	355	500/D
	1	7/0.40	0.8	1.8	18	18.1	0.0135	380	500/D
	1.5	7/0.50	0.8	1.8	19.5	12.1	0.0115	485	500/D
	2.5	7/0.67	0.8	1.8	22	7.41	0.0093	695	500/D
	4	7/0.85	1	1.8	26.5	4.61	0.0092	1050	500/D
	6	7/1.04	1	1.8	29	3.08	0.0078	1405	500/D

C A B L E

14 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
14	0.5	7/0.30	0.8	1.8	16.5	36	0.0162	300	500/D
	0.75	7/0.37	0.8	1.8	17.5	24.5	0.0142	360	500/D
	1	7/0.40	0.8	1.8	18	18.1	0.0135	390	500/D
	1.5	7/0.50	0.8	1.8	19.5	12.1	0.0115	495	500/D
	2.5	7/0.67	0.8	1.8	22	7.41	0.0093	715	500/D
	4	7/0.85	1	1.8	26.5	4.61	0.0092	1085	500/D
	6	7/1.04	1	1.8	29	3.08	0.0078	1455	500/D

15Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
15	0.5	7/0.30	0.8	1.8	17	36	0.0162	330	500/D
	0.75	7/0.37	0.8	1.8	18.5	24.5	0.0142	395	500/D
	1	7/0.40	0.8	1.8	19	18.1	0.0135	425	500/D
	1.5	7/0.50	0.8	1.8	20.5	12.1	0.0115	545	500/D
	2.5	7/0.67	0.8	1.8	23	7.41	0.0093	785	500/D
	4	7/0.85	1	1.8	28	4.61	0.0092	1195	500/D
	6	7/1.04	1	1.8	31	3.08	0.0078	1600	500/D

16 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
16	0.5	7/0.30	0.8	1.8	17	36	0.0162	330	500/D
	0.75	7/0.37	0.8	1.8	18.5	24.5	0.0142	400	500/D
	1	7/0.40	0.8	1.8	19	18.1	0.0135	435	500/D
	1.5	7/0.50	0.8	1.8	20.5	12.1	0.0115	555	500/D
	2.5	7/0.67	0.8	1.8	23	7.41	0.0093	805	500/D
	4	7/0.85	1	1.8	28	4.61	0.0092	1230	500/D
	6	7/1.04	1	1.8	31	3.08	0.0078	1650	500/D

C A B L E

17 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
17	0.5	7/0.30	0.8	1.8	18	36	0.0162	355	500/D
	0.75	7/0.37	0.8	1.8	19	24.5	0.0142	430	500/D
	1	7/0.40	0.8	1.8	19.5	18.1	0.0135	465	500/D
	1.5	7/0.50	0.8	1.8	21.5	12.1	0.0115	595	500/D
	2.5	7/0.67	0.8	1.8	24	7.41	0.0093	865	500/D
	4	7/0.85	1	1.8	29.5	4.61	0.0092	1315	500/D
	6	7/1.04	1	1.9	32.5	3.08	0.0078	1785	500/D

18 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
18	0.5	7/0.30	0.8	1.8	18	36	0.0162	360	500/D
	0.75	7/0.37	0.8	1.8	19	24.5	0.0142	435	500/D
	1	7/0.40	0.8	1.8	19.5	18.1	0.0135	475	500/D
	1.5	7/0.50	0.8	1.8	21.5	12.1	0.0115	605	500/D
	2.5	7/0.67	0.8	1.8	24	7.41	0.0093	885	500/D
	4	7/0.85	1	1.8	29.5	4.61	0.0092	1350	500/D
	6	7/1.04	1	1.9	32.5	3.08	0.0078	1835	500/D

19 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
19	0.5	7/0.30	0.8	1.8	18	36	0.0162	365	500/D
	0.75	7/0.37	0.8	1.8	19	24.5	0.0142	445	500/D
	1	7/0.40	0.8	1.8	19.5	18.1	0.0135	480	500/D
	1.5	7/0.50	0.8	1.8	21.5	12.1	0.0115	620	500/D
	2.5	7/0.67	0.8	1.8	24	7.41	0.0093	905	500/D
	4	7/0.85	1	1.8	29.5	4.61	0.0092	1385	500/D
	6	7/1.04	1	1.9	32.5	3.08	0.0078	1885	500/D

C A B L E

20 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
20	0.5	7/0.30	0.8	1.8	19	36	0.0162	390	500/D
	0.75	7/0.37	0.8	1.8	20	24.5	0.0142	475	500/D
	1	7/0.40	0.8	1.8	20.5	18.1	0.0135	515	500/D
	1.5	7/0.50	0.8	1.8	22.5	12.1	0.0115	665	500/D
	2.5	7/0.67	0.8	1.8	25.5	7.41	0.0093	975	500/D
	4	7/0.85	1	1.8	31	4.61	0.0092	1490	500/D
	6	7/1.04	1	2	34.5	3.08	0.0078	2040	500/D

21 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
21	0.5	7/0.30	0.8	1.8	19	36	0.0162	400	500/D
	0.75	7/0.37	0.8	1.8	20	24.5	0.0142	490	500/D
	1	7/0.40	0.8	1.8	20.5	18.1	0.0135	530	500/D
	1.5	7/0.50	0.8	1.8	22.5	12.1	0.0115	685	500/D
	2.5	7/0.67	0.8	1.8	25.5	7.41	0.0093	1005	500/D
	4	7/0.85	1	1.8	31	4.61	0.0092	1540	500/D
	6	7/1.04	1	2	34.5	3.08	0.0078	2040	500/D

22 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
22	0.5	7/0.30	0.8	1.8	20	36	0.0162	430	500/D
	0.75	7/0.37	0.8	1.8	21	24.5	0.0142	520	500/D
	1	7/0.40	0.8	1.8	21.5	18.1	0.0135	565	500/D
	1.5	7/0.50	0.8	1.8	23.5	12.1	0.0115	730	500/D
	2.5	7/0.67	0.8	1.8	26.5	7.41	0.0093	1070	500/D
	4	7/0.85	1	1.9	32.5	4.61	0.0092	1655	500/D
	6	7/1.04	1	2	36.5	3.08	0.0078	2245	500/D

23 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
23	0.5	7/0.30	0.8	1.8	19.5	36	0.0162	440	500/D
	0.75	7/0.37	0.8	1.8	21	24.5	0.0142	540	500/D
	1	7/0.40	0.8	1.8	21.5	18.1	0.0135	585	500/D
	1.5	7/0.50	0.8	1.8	23.5	12.1	0.0115	755	500/D
	2.5	7/0.67	0.8	1.8	26.5	7.41	0.0093	1105	500/D
	4	7/0.85	1	1.9	32.5	4.61	0.0092	1710	500/D
	6	7/1.04	1	2	36.5	3.08	0.0078	2330	500/D

24 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
24	0.5	7/0.30	0.8	1.8	21	36	0.0162	460	500/D
	0.75	7/0.37	0.8	1.8	22	24.5	0.0142	560	500/D
	1	7/0.40	0.8	1.8	23	18.1	0.0135	605	500/D
	1.5	7/0.50	0.8	1.8	24.5	12.1	0.0115	785	500/D
	2.5	7/0.67	0.8	1.8	28	7.41	0.0093	1150	500/D
	4	7/0.85	1	2	34.5	4.61	0.0092	1795	500/D
	6	7/1.04	1	2	36.5	3.08	0.0078	2330	500/D

25 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
25	0.5	7/0.30	0.8	1.8	21	36	0.0162	490	500/D
	0.75	7/0.37	0.8	1.8	22.5	24.5	0.0142	595	500/D
	1	7/0.40	0.8	1.8	23	18.1	0.0135	645	500/D
	1.5	7/0.50	0.8	1.8	25.5	12.1	0.0115	835	500/D
	2.5	7/0.67	0.8	1.8	28.5	7.41	0.0093	1225	500/D
	4	7/0.85	1	2	35.5	4.61	0.0092	1915	500/D
	6	7/1.04	1	2.1	39.5	3.08	0.0078	2595	500/D

C A B L E

26 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
26	0.5	7/0.30	0.8	1.8	21	36	0.0162	500	500/D
	0.75	7/0.37	0.8	1.8	22.5	24.5	0.0142	610	500/D
	1	7/0.40	0.8	1.8	23	18.1	0.0135	665	500/D
	1.5	7/0.50	0.8	1.8	25.5	12.1	0.0115	860	500/D
	2.5	7/0.67	0.8	1.8	28.5	7.41	0.0093	1270	500/D
	4	7/0.85	1	2	35.5	4.61	0.0092	1985	500/D
	6	7/1.04	1	2.1	39.5	3.08	0.0078	2700	500/D

27 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
27	0.5	7/0.30	0.8	1.8	21	36	0.0162	500	500/D
	0.75	7/0.37	0.8	1.8	22.5	24.5	0.0142	610	500/D
	1	7/0.40	0.8	1.8	23	18.1	0.0135	665	500/D
	1.5	7/0.50	0.8	1.8	25.5	12.1	0.0115	860	500/D
	2.5	7/0.67	0.8	1.8	28.5	7.41	0.0093	1270	500/D
	4	7/0.85	1	2	35.5	4.61	0.0092	1985	500/D
	6	7/1.04	1	2.1	39.5	3.08	0.0078	2700	500/D

28 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
28	0.5	7/0.30	0.8	1.8	22	36	0.0162	535	500/D
	0.75	7/0.37	0.8	1.8	23.5	24.5	0.0142	650	500/D
	1	7/0.40	0.8	1.8	24	18.1	0.0135	710	500/D
	1.5	7/0.50	0.8	1.8	26	12.1	0.0115	915	500/D
	2.5	7/0.67	0.8	1.8	30	7.41	0.0093	1350	500/D
	4	7/0.85	1	2	37	4.61	0.0092	2110	500/D
	6	7/1.04	1	2.2	41.5	3.08	0.0078	2885	500/D

C A B L E

29 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
29	0.5	7/0.30	0.8	1.8	22	36	0.0162	540	500/D
	0.75	7/0.37	0.8	1.8	23.5	24.5	0.0142	660	500/D
	1	7/0.40	0.8	1.8	24	18.1	0.0135	715	500/D
	1.5	7/0.50	0.8	1.8	26	12.1	0.0115	930	500/D
	2.5	7/0.67	0.8	1.8	30	7.41	0.0093	1370	500/D
	4	7/0.85	1	2	37	4.61	0.0092	2145	500/D
	6	7/1.04	1	2.2	41.5	3.08	0.0078	2940	500/D

30 Core CVV Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
30	0.5	7/0.30	0.8	1.8	22	36	0.0162	540	500/D
	0.75	7/0.37	0.8	1.8	23	24.5	0.0142	665	500/D
	1	7/0.40	0.8	1.8	24	18.1	0.0135	725	500/D
	1.5	7/0.50	0.8	1.8	26	12.1	0.0115	940	500/D
	2.5	7/0.67	0.8	1.8	30	7.41	0.0093	1395	500/D
	4	7/0.85	1	2	37	4.61	0.0092	2180	500/D
	6	7/1.04	1	2.2	41.5	3.08	0.0078	2990	500/D

Control Cable 0.6/1 kV CVV-S to IEC 60502 Standard (2-15 core)

APPLICATION

For supervisory electrical equipment, station control circuits, outdoor, suitable installation in dry or wet cable trenches.

CONSTRUCTION

Conductor: Concentric Stranded copper wire

Insulation: PVC Black color

Identification: Printed White number on the surface of Black insulation

Filler: Suitable filler

Binding tape: Suitable tape

Inner sheath: PVC Black color

Shield: Annealed copper tape

Binding tape: Suitable tape

Outer Sheath: PVC Black color

CONSTRUCTION PARAMETER

2 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
2	0.5	7/0.30	0.8	1	1.8	12.5	36	0.0162	180	500/D
	0.75	7/0.37	0.8	1	1.8	13	24.5	0.0142	195	500/D
	1	7/0.40	0.8	1	1.8	13	18.1	0.0135	205	500/D
	1.5	7/0.50	0.8	1	1.8	14	12.1	0.0115	230	500/D
	2.5	7/0.67	0.8	1	1.8	15	7.41	0.0093	280	500/D
	4	7/0.85	1	1	1.8	17	4.61	0.0092	375	500/D
	6	7/1.04	1	1	1.8	18.5	3.08	0.0078	450	500/D

3 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
3	0.5	7/0.30	0.8	1	1.8	13	36	0.0162	195	500/D
	0.75	7/0.37	0.8	1	1.8	13.5	24.5	0.0142	215	500/D
	1	7/0.40	0.8	1	1.8	13.5	18.1	0.0135	225	500/D
	1.5	7/0.50	0.8	1	1.8	14.5	12.1	0.0115	260	500/D
	2.5	7/0.67	0.8	1	1.8	15.5	7.41	0.0093	325	500/D
	4	7/0.85	1	1	1.8	18	4.61	0.0092	445	500/D
	6	7/1.04	1	1	1.8	19	3.08	0.0078	545	500/D

4 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
4	0.5	7/0.30	0.8	1	1.8	13.5	36	0.0162	220	500/D
	0.75	7/0.37	0.8	1	1.8	14	24.5	0.0142	245	500/D
	1	7/0.40	0.8	1	1.8	14.5	18.1	0.0135	260	500/D
	1.5	7/0.50	0.8	1	1.8	15.5	12.1	0.0115	300	500/D
	2.5	7/0.67	0.8	1	1.8	16.5	7.41	0.0093	385	500/D
	4	7/0.85	1	1	1.8	19	4.61	0.0092	530	500/D
	6	7/1.04	1	1	1.8	20.5	3.08	0.0078	660	500/D

5 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
5	0.5	7/0.30	0.8	1	1.8	14.5	36	0.0162	250	500/D
	0.75	7/0.37	0.8	1	1.8	15	24.5	0.0142	280	500/D
	1	7/0.40	0.8	1	1.8	15.5	18.1	0.0135	295	500/D
	1.5	7/0.50	0.8	1	1.8	16.5	12.1	0.0115	345	500/D
	2.5	7/0.67	0.8	1	1.8	18	7.41	0.0093	445	500/D
	4	7/0.85	1	1	1.8	20.5	4.61	0.0092	620	500/D
	6	7/1.04	1	1	1.8	22.5	3.08	0.0078	780	500/D

6 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
6	0.5	7/0.30	0.8	1	1.8	15.5	36	0.0162	270	500/D
	0.75	7/0.37	0.8	1	1.8	16	24.5	0.0142	305	500/D
	1	7/0.40	0.8	1	1.8	16.5	18.1	0.0135	320	500/D
	1.5	7/0.50	0.8	1	1.8	17.5	12.1	0.0115	375	500/D
	2.5	7/0.67	0.8	1	1.8	19	7.41	0.0093	290	500/D
	4	7/0.85	1	1	1.8	22	4.61	0.0092	685	500/D
	6	7/1.04	1	1	1.8	24	3.08	0.0078	865	500/D

C A B L E

7 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20°C)	Minimum insulation (at70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
7	0.5	7/0.30	0.8	1	1.8	15.5	36	0.0162	275	500/D
	0.75	7/0.37	0.8	1	1.8	16	24.5	0.0142	315	500/D
	1	7/0.40	0.8	1	1.8	16.5	18.1	0.0135	330	500/D
	1.5	7/0.50	0.8	1	1.8	17.5	12.1	0.0115	395	500/D
	2.5	7/0.67	0.8	1	1.8	19	7.41	0.0093	520	500/D
	4	7/0.85	1	1	1.8	22	4.61	0.0092	730	500/D
	6	7/1.04	1	1	1.8	24	3.08	0.0078	930	500/D

8 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
8	0.5	7/0.30	0.8	1	1.8	16	36	0.0162	310	500/D
	0.75	7/0.37	0.8	1	1.8	17	24.5	0.0142	350	500/D
	1	7/0.40	0.8	1	1.8	17	18.1	0.0135	370	500/D
	1.5	7/0.50	0.8	1	1.8	18.5	12.1	0.0115	445	500/D
	2.5	7/0.67	0.8	1	1.8	20	7.41	0.0093	590	500/D
	4	7/0.85	1	1	1.8	23.5	4.61	0.0092	835	500/D
	6	7/1.04	1	1	1.8	25.5	3.08	0.0078	1070	500/D

9 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
9	0.5	7/0.30	0.8	1	1.8	17	36	0.0162	340	500/D
	0.75	7/0.37	0.8	1	1.8	18	24.5	0.0142	390	500/D
	1	7/0.40	0.8	1	1.8	18	18.1	0.0135	415	500/D
	1.5	7/0.50	0.8	1	1.8	19.5	12.1	0.0115	495	500/D
	2.5	7/0.67	0.8	1	1.8	21.5	7.41	0.0093	660	500/D
	4	7/0.85	1	1	1.8	25	4.61	0.0092	945	500/D
	6	7/1.04	1	1	1.8	27.5	3.08	0.0078	1215	500/D

10 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
10	0.5	7/0.30	0.8	1	1.8	18	36	0.0162	370	500/D
	0.75	7/0.37	0.8	1	1.8	19	24.5	0.0142	425	500/D
	1	7/0.40	0.8	1	1.8	19.5	18.1	0.0135	445	500/D
	1.5	7/0.50	0.8	1	1.8	20.5	12.1	0.0115	540	500/D
	2.5	7/0.67	0.8	1	1.8	23	7.41	0.0093	720	500/D
	4	7/0.85	1	1	1.8	27	4.61	0.0092	1030	500/D
	6	7/1.04	1	1	1.8	29.5	3.08	0.0078	1325	500/D

11 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
11	0.5	7/0.30	0.8	1	1.8	18.5	36	0.0162	395	500/D
	0.75	7/0.37	0.8	1	1.8	19.5	24.5	0.0142	455	500/D
	1	7/0.40	0.8	1	1.8	20	18.1	0.0135	480	500/D
	1.5	7/0.50	0.8	1	1.8	21	12.1	0.0115	580	500/D
	2.5	7/0.67	0.8	1	1.8	23.5	7.41	0.0093	780	500/D
	4	7/0.85	1	1	1.8	28	4.61	0.0092	1125	500/D
	6	7/1.04	1	1	1.8	30.5	3.08	0.0078	1450	500/D

12 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
12	0.5	7/0.30	0.8	1	1.8	18.5	36	0.0162	400	500/D
	0.75	7/0.37	0.8	1	1.8	19.5	24.5	0.0142	460	500/D
	1	7/0.40	0.8	1	1.8	20	18.1	0.0135	490	500/D
	1.5	7/0.50	0.8	1	1.8	21	12.1	0.0115	595	500/D
	2.5	7/0.67	0.8	1	1.8	23.5	7.41	0.0093	805	500/D
	4	7/0.85	1	1	1.8	28	4.61	0.0092	1160	500/D
	6	7/1.04	1	1	1.8	30.5	3.08	0.0078	1500	500/D

13 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
13	0.5	7/0.30	0.8	1	1.8	19	36	0.0162	435	500/D
	0.75	7/0.37	0.8	1	1.8	20	24.5	0.0142	505	500/D
	1	7/0.40	0.8	1	1.8	20.5	18.1	0.0135	530	500/D
	1.5	7/0.50	0.8	1	1.8	22	12.1	0.0115	645	500/D
	2.5	7/0.67	0.8	1	1.8	24.5	7.41	0.0093	875	500/D
	4	7/0.85	1	1	1.8	29	4.61	0.0092	1275	500/D
	6	7/1.04	1	1	1.9	32	3.08	0.0078	1665	500/D

14 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
14	0.5	7/0.30	0.8	1	1.8	19	36	0.0162	435	500/D
	0.75	7/0.37	0.8	1	1.8	20	24.5	0.0142	505	500/D
	1	7/0.40	0.8	1	1.8	20.5	18.1	0.0135	540	500/D
	1.5	7/0.50	0.8	1	1.8	22	12.1	0.0115	660	500/D
	2.5	7/0.67	0.8	1	1.8	24.5	7.41	0.0093	900	500/D
	4	7/0.85	1	1	1.8	29	4.61	0.0092	1305	500/D
	6	7/1.04	1	1	1.9	32	3.08	0.0078	1715	500/D

15 Core CVV-S Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
15	0.5	7/0.30	0.8	1	1.8	20	36	0.0162	475	500/D
	0.75	7/0.37	0.8	1	1.8	21	24.5	0.0142	550	500/D
	1	7/0.40	0.8	1	1.8	21.5	18.1	0.0135	585	500/D
	1.5	7/0.50	0.8	1	1.8	23	12.1	0.0115	715	500/D
	2.5	7/0.67	0.8	1	1.8	25.5	7.41	0.0093	980	500/D
	4	7/0.85	1	1	1.8	30.5	4.61	0.0092	1425	500/D
	6	7/1.04	1	1	1.9	34	3.08	0.0078	1875	500/D

Control Cable 0.6/1 kV CVV-SWA to IEC 60502 Standard (2-30 core)

APPLICATION

For use in duct, tray and for direct burying in ground. The cable subjects to immerse in water all the line.

CONSTRUCTION

Conductor: Concentric Stranded annealed copper wire

Insulation: PVC Black color

Identification: Printed White number on the surface of Black insulation

Filler: Suitable filler

Binding tape: Suitable tape

Inner sheath: PVC Black color

Armour: Galvanized steel wire

Binding tape: Suitable tape

Outer Sheath: PVC Black color

CONSTRUCTION PARAMETER

2 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
2	0.5	7/0.30	0.8	1.2	0.8	1.8	15.5	36	0.0162	320	500/D
	0.75	7/0.37	0.8	1.2	0.8	1.8	15.6	24.5	0.0142	345	500/D
	1	7/0.40	0.8	1.2	0.8	1.8	16	18.1	0.0135	350	500/D
	1.5	7/0.50	0.8	1.2	0.8	1.8	16.5	12.1	0.0115	390	500/D
	2.5	7/0.67	0.8	1.2	0.8	1.8	17.5	7.41	0.0093	460	500/D
	4	7/0.85	1	1.2	1.25	1.8	21	4.61	0.0092	710	500/D
	6	7/1.04	1	1.2	1.25	1.8	22	3.08	0.0078	820	500/D

3 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
3	0.5	7/0.30	0.8	1.2	0.8	1.8	15.5	36	0.0162	365	500/D
	0.75	7/0.37	0.8	1.2	0.8	1.8	16	24.5	0.0142	370	500/D
	1	7/0.40	0.8	1.2	0.8	1.8	16.5	18.1	0.0135	385	500/D
	1.5	7/0.50	0.8	1.2	0.8	1.8	17	12.1	0.0115	430	500/D
	2.5	7/0.67	0.8	1.2	1.25	1.8	19.5	7.41	0.0093	635	500/D
	4	7/0.85	1	1.2	1.25	1.8	21.5	4.61	0.0092	800	500/D
	6	7/1.04	1	1.2	1.25	1.8	23	3.08	0.0078	935	500/D

4 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
4	0.5	7/0.30	0.8	1.2	0.8	1.8	16.5	36	0.0162	380	500/D
	0.75	7/0.37	0.8	1.2	0.8	1.8	17	24.5	0.0142	410	500/D
	1	7/0.40	0.8	1.2	0.8	1.8	17	18.1	0.0135	425	500/D
	1.5	7/0.50	0.8	1.2	0.8	1.8	18	12.1	0.0115	480	500/D
	2.5	7/0.67	0.8	1.2	1.25	1.8	20.5	7.41	0.0093	715	500/D
	4	7/0.85	1	1.2	1.25	1.8	23	4.61	0.0092	915	500/D
	6	7/1.04	1	1.2	1.25	1.8	24.5	3.08	0.0078	1075	500/D

5 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
5	0.5	7/0.30	0.8	1.2	0.8	1.8	17	36	0.0162	420	500/D
	0.75	7/0.37	0.8	1.2	0.8	1.8	18	24.5	0.0142	455	500/D
	1	7/0.40	0.8	1.2	1.25	1.8	19	18.1	0.0135	595	500/D
	1.5	7/0.50	0.8	1.2	1.25	1.8	20	12.1	0.0115	665	500/D
	2.5	7/0.67	0.8	1.2	1.25	1.8	21.5	7.41	0.0093	805	500/D
	4	7/0.85	1	1.2	1.25	1.8	24.5	4.61	0.0092	1040	500/D
	6	7/1.04	1	1.2	1.6	1.8	27	3.08	0.0078	1385	500/D

6 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
6	0.5	7/0.30	0.8	1.2	0.8	1.8	18	36	0.0162	450	500/D
	0.75	7/0.37	0.8	1.2	1.25	1.8	19.5	24.5	0.0142	610	500/D
	1	7/0.40	0.8	1.2	1.25	1.8	20	18.1	0.0135	635	500/D
	1.5	7/0.50	0.8	1.2	1.25	1.8	21	12.1	0.0115	715	500/D
	2.5	7/0.67	0.8	1.2	1.25	1.8	22.5	7.41	0.0093	870	500/D
	4	7/0.85	1	1.2	1.6	1.8	26.5	4.61	0.0092	1270	500/D
	6	7/1.04	1	1.2	1.6	1.8	28.5	3.08	0.0078	1515	500/D

7 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
7	0.5	7/0.30	0.8	1.2	0.8	1.8	18	36	0.0162	455	500/D
	0.75	7/0.37	0.8	1.2	1.25	1.8	19.5	24.5	0.0142	620	500/D
	1	7/0.40	0.8	1.2	1.25	1.8	20	18.1	0.0135	650	500/D
	1.5	7/0.50	0.8	1.2	1.25	1.8	21	12.1	0.0115	730	500/D
	2.5	7/0.67	0.8	1.2	1.25	1.8	22.5	7.41	0.0093	895	500/D
	4	7/0.85	1	1.2	1.6	1.8	26.5	4.61	0.0092	1315	500/D
	6	7/1.04	1	1.2	1.6	1.8	28.5	3.08	0.0078	1580	500/D

8 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
8	0.5	7/0.30	0.8	1.2	1.25	1.8	20	36	0.0162	625	500/D
	0.75	7/0.37	0.8	1.2	1.25	1.8	20.5	24.5	0.0142	680	500/D
	1	7/0.40	0.8	1.2	1.25	1.8	21	18.1	0.0135	710	500/D
	1.5	7/0.50	0.8	1.2	1.25	1.8	22	12.1	0.0115	810	500/D
	2.5	7/0.67	0.8	1.2	1.25	1.8	24	7.41	0.0093	995	500/D
	4	7/0.85	1	1.2	1.6	1.8	28	4.61	0.0092	1470	500/D
	6	7/1.04	1	1.2	1.6	1.8	30	3.08	0.0078	1770	500/D

9 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
9	0.5	7/0.30	0.8	1.2	1.25	1.8	20.5	36	0.0162	680	500/D
	0.75	7/0.37	0.8	1.2	1.25	1.8	21.5	24.5	0.0142	750	500/D
	1	7/0.40	0.8	1.2	1.25	1.8	22	18.1	0.0135	770	500/D
	1.5	7/0.50	0.8	1.2	1.25	1.8	23	12.1	0.0115	885	500/D
	2.5	7/0.67	0.8	1.2	1.6	1.8	26	7.41	0.0093	1230	500/D
	4	7/0.85	1	1.2	1.6	1.8	29.5	4.61	0.0092	1630	500/D
	6	7/1.04	1	1.2	1.6	1.9	32	3.08	0.0078	1975	500/D

10 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation resistance (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
10	0.5	7/0.30	0.8	1.2	1.25	1.8	22	36	0.0162	725	500/D
	0.75	7/0.37	0.8	1.2	1.25	1.8	22.5	24.5	0.0142	800	500/D
	1	7/0.40	0.8	1.2	1.25	1.8	23	18.1	0.0135	835	500/D
	1.5	7/0.50	0.8	1.2	1.25	1.8	24.5	12.1	0.0115	955	500/D
	2.5	7/0.67	0.8	1.2	1.6	1.8	27.5	7.41	0.0093	1385	500/D
	4	7/0.85	1	1.2	1.6	1.9	32	4.61	0.0092	1775	500/D
	6	7/1.04	1	1.2	1.6	2	24.5	3.08	0.0078	2170	500/D

11 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation resistance (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
11	0.5	7/0.30	0.8	1.2	1.25	1.8	22	36	0.0162	765	500/D
	0.75	7/0.37	0.8	1.2	1.25	1.8	23	24.5	0.0142	840	500/D
	1	7/0.40	0.8	1.2	1.25	1.8	23.5	18.1	0.0135	880	500/D
	1.5	7/0.50	0.8	1.2	1.6	1.8	25.5	12.1	0.0115	1150	500/D
	2.5	7/0.67	0.8	1.2	1.6	1.8	28	7.41	0.0093	1415	500/D
	4	7/0.85	1	1.2	1.6	1.9	32.5	4.61	0.0092	1905	500/D
	6	7/1.04	1	1.2	1.6	2	35.5	3.08	0.0078	2310	500/D

12 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at20C)	Minimum insulation resistance (at70C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
12	0.5	7/0.30	0.8	1.2	1.25	1.8	22	36	0.0162	765	500/D
	0.75	7/0.37	0.8	1.2	1.25	1.8	23	24.5	0.0142	845	500/D
	1	7/0.40	0.8	1.2	1.25	1.8	23.5	18.1	0.0135	885	500/D
	1.5	7/0.50	0.8	1.2	1.6	1.8	25.5	12.1	0.0115	1160	500/D
	2.5	7/0.67	0.8	1.2	1.6	1.8	28	7.41	0.0093	1435	500/D
	4	7/0.85	1	1.2	1.6	1.9	32.5	4.61	0.0092	1940	500/D
	6	7/1.04	1	1.2	1.6	2	35.5	3.08	0.0078	2365	500/D

13 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
13	0.5	7/0.30	0.8	1.2	1.25	1.8	23	36	0.0162	820	500/D
	0.75	7/0.37	0.8	1.2	1.25	1.8	24	24.5	0.0142	905	500/D
	1	7/0.40	0.8	1.2	1.25	1.8	24.5	18.1	0.0135	950	500/D
	1.5	7/0.50	0.8	1.2	1.6	1.8	26.5	12.1	0.0115	1230	500/D
	2.5	7/0.67	0.8	1.2	1.6	1.8	29	7.41	0.0093	1545	500/D
	4	7/0.85	1	1.2	1.6	1.9	34	4.61	0.0092	2085	500/D
	6	7/1.04	1	1.2	1.6	2.1	38	3.08	0.0078	2620	500/D

14 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
14	0.5	7/0.30	0.8	1.2	1.25	1.8	23	36	0.0162	825	500/D
	0.75	7/0.37	0.8	1.2	1.25	1.8	24	24.5	0.0142	915	500/D
	1	7/0.40	0.8	1.2	1.25	1.8	24.5	18.1	0.0135	955	500/D
	1.5	7/0.50	0.8	1.2	1.6	1.8	26.5	12.1	0.0115	1240	500/D
	2.5	7/0.67	0.8	1.2	1.6	1.8	29	7.41	0.0093	1565	500/D
	4	7/0.85	1	1.2	1.6	1.9	34	4.61	0.0092	2120	500/D
	6	7/1.04	1	1.2	1.6	2.1	38	3.08	0.0078	2570	500/D

15 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
15	0.5	7/0.30	0.8	1.2	1.25	1.8	23.5	36	0.0162	880	500/D
	0.75	7/0.37	0.8	1.2	1.6	1.8	25.5	24.5	0.0142	1115	500/D
	1	7/0.40	0.8	1.2	1.6	1.8	26	18.1	0.0135	1150	500/D
	1.5	7/0.50	0.8	1.2	1.6	1.8	27.5	12.1	0.0115	1330	500/D
	2.5	7/0.67	0.8	1.2	1.6	1.8	30	7.41	0.0093	1675	500/D
	4	7/0.85	1	1.2	1.6	2	35.5	4.61	0.0092	2305	500/D
	6	7/1.04	1	1.2	2	2.1	39.5	3.08	0.0078	3085	500/D

16 Core CVV-SWA Control Cable

No. of core	Nominal cross-sectional area	No. & dia. of wires	Thickness of insulation	Thickness of inner sheath	Diameter of steel wire armour	Thickness of outer sheath	Overall diameter (Approx.)	Maximum conductor (at 20°C)	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
	mm ²	No./mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km	m
16	0.5	7/0.30	0.8	1.2	1.25	1.8	23.5	36	0.0162	885	500/D
	0.75	7/0.37	0.8	1.2	1.6	1.8	25.5	24.5	0.0142	1225	500/D
	1	7/0.40	0.8	1.2	1.6	1.8	26.5	18.1	0.0135	1160	500/D
	1.5	7/0.50	0.8	1.2	1.6	1.8	27.5	12.1	0.0115	1345	500/D
	2.5	7/0.67	0.8	1.2	1.6	1.8	30	7.41	0.0093	1700	500/D
	4	7/0.85	1	1.2	1.6	2	35.5	4.61	0.0092	2340	500/D
	6	7/1.04	1	1.2	2	2.1	39.5	3.08	0.0078	3135	500/D



TANO
 C A B L E



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