

VINYL INSULATED COPPER SCREENED VINYL SHEATHED CONTROL CABLE (CVVS)
2, 3, 4 CORES CABLES
Specification : JCS 258 C



PHYSICAL AND ELECTRICAL PROPERTIES

No. of core	Nom. cross section	Conductor		Insulation thickness	Sheath thickness	Approx. overall diameter	Approx. cable weight	Resistance at 20°C		AC voltage Test	Current carrying capacity in air 30°C	Short circuit current at 1 sec.	Standard length
		No./dia. of wire	Outer diameter					Conductor	Insulation				
	mm ²	n/mm	mm	mm	mm	mm	kg/km	ohm/km	M.ohm.km	kV/1 min.	A	kA	m
2	1.5	7/0.50	1.5	0.8	1.5	9.7	131	12.1	50	2	18	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	10.7	169	7.411	50	2	25	0.29	500
	4	7/0.85	2.55	0.8	1.5	11.8	217	4.611	50	2	34	0.46	500
	6	7/1.04	3.12	1.0	1.5	13.7	296	3.088	50	2	42	0.69	500
	10	7/1.35	4.05	1.2	1.5	16.4	435	1.833	50	2	57	1.15	500
	16	7/1.70	5.1	1.4	1.5	19.3	621	1.155	40	2	75	1.84	500
	25	7/2.14	6.42	1.6	1.6	22.9	905	0.727	40	2	95	2.88	500
3	1.5	7/0.50	1.5	0.8	1.5	10.1	156	12.1	50	2	17	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	11.2	206	7.411	50	2	24	0.29	500
	4	7/0.85	2.55	0.8	1.5	12.4	270	4.611	50	2	32	0.46	500
	6	7/1.04	3.12	1.0	1.5	14.5	375	3.088	50	2	40	0.69	500
	10	7/1.35	4.05	1.2	1.5	17.3	561	1.833	50	2	54	1.15	500
	16	7/1.70	5.1	1.4	1.5	20.5	814	1.155	40	2	71	1.84	500
	25	7/2.14	6.42	1.6	1.6	24.4	1.200	0.727	40	2	90	2.88	500
4	1.5	7/0.50	1.5	0.8	1.5	10.9	186	12.1	50	2	17	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	12.2	251	7.411	50	2	24	0.29	500
	4	7/0.85	2.55	0.8	1.5	13.5	333	4.611	50	2	32	0.46	500
	6	7/1.04	3.12	1.0	1.5	15.8	465	3.088	50	2	40	0.69	500
	10	7/1.35	4.05	1.2	1.5	19.0	705	1.833	50	2	54	1.15	500
	16	7/1.70	5.1	1.4	1.6	22.7	1.042	1.155	40	2	71	1.84	500
	25	7/2.14	6.42	1.6	1.7	27.1	1.542	0.727	40	2	90	2.88	500

VINYL INSULATED COPPER SCREENED VINYL SHEATHED CONTROL CABLE (CVVS)

5, 6, 7, 8 CORES CABLES

Specification : JCS 25B C



PHYSICAL AND ELECTRICAL PROPERTIES

No. of core	Nom. cross section	Conductor		Insulation thickness	Sheath thickness	Approx. overall diameter	Approx. cable weight	Resistance at 20°C		AC voltage Test	Current carrying capacity in air 30°C	Short circuit current at 1 sec.	Standard length
		No./dia. of wire	Outer diameter					Conductor	Insulation				
	mm ²	n/mm	mm	mm	mm	mm	kg/km	ohm/km	M.ohm.km	kV/1min.	A	kA	m
5	1.5	7/0.50	1.5	0.8	1.5	11.8	219	12.2	50	2	17	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	13.2	298	7.411	50	2	24	0.29	500
	4	7/0.85	2.55	0.8	1.5	14.7	398	4.611	50	2	32	0.46	500
	6	7/1.04	3.12	1.0	1.5	17.3	561	3.088	50	2	40	0.69	500
	10	7/1.35	4.05	1.2	1.5	20.9	856	1.833	50	2	54	1.15	500
	16	7/1.70	5.1	1.4	1.6	25.2	1.282	1.155	40	2	71	1.84	500
6	1.5	7/0.50	1.5	0.8	1.5	12.8	253	12.2	50	2	17	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	14.3	347	7.411	50	2	24	0.29	500
	4	7/0.85	2.55	0.8	1.5	15.9	467	4.611	50	2	32	0.46	500
	6	7/1.04	3.12	1.0	1.5	18.8	661	3.088	50	2	40	0.69	500
	10	7/1.35	4.05	1.2	1.5	23.0	1.024	1.833	50	2	54	1.15	500
	16	7/1.70	5.1	1.4	1.7	27.5	1.520	1.155	40	2	71	1.84	500
7	1.5	7/0.50	1.5	0.8	1.5	12.8	261	12.2	50	2	17	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	14.3	362	7.411	50	2	24	0.29	500
	4	7/0.85	2.55	0.8	1.5	15.9	492	4.611	50	2	32	0.46	500
	6	7/1.04	3.12	1.0	1.5	18.8	698	3.088	50	2	40	0.69	500
	10	7/1.35	4.05	1.2	1.5	23.0	1.087	1.833	50	2	54	1.15	500
8	1.5	7/0.50	1.5	0.8	1.5	13.7	292	12.2	50	2	17	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	15.4	407	7.411	50	2	24	0.29	500
	4	7/0.85	2.55	0.8	1.5	17.2	555	4.611	50	2	32	0.46	500
	6	7/1.04	3.12	1.0	1.5	20.4	789	3.088	50	2	40	0.69	500
	10	7/1.35	4.05	1.2	1.6	25.0	1.232	1.833	50	2	54	1.15	500

VINYL INSULATED COPPER SCREENED VINYL SHEATHED CONTROL CABLE (CVVS)
 10, 12, 15, 20, 30 CORES CABLES
 Specification : JCS 258 C



PHYSICAL AND ELECTRICAL PROPERTIES

No. of core	Nom. cross section	Conductor		Insulation thickness	Sheath thickness	Approx. overall diameter	Approx. cable weight	Resistance at 20° C		AC voltage Test	Current carrying capacity in air 30° C	Short circuit current at 1 sec.	Standard length
		No./dia. of wire	Outer diameter					Conductor	Insulation				
	mm ²	n/mm	mm	mm	mm	mm	kg/km	ohm/km	M.ohm.km	kV/1 min.	A	kA	m
10	1.5	7/0.50	1.5	0.8	1.5	15.9	366	12.2	50	2	17	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	17.9	512	7.411	50	2	24	0.29	500
	4	7/0.85	2.55	0.8	1.5	20.1	700	4.611	50	2	32	0.46	500
	6	7/1.04	3.12	1.0	1.6	24.1	1.011	3.088	50	2	40	0.69	500
	10	7/1.35	4.05	1.2	1.8	29.9	1.592	1.833	50	2	54	1.15	500
12	1.5	7/0.50	1.5	0.8	1.5	16.3	412	12.2	50	2	17	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	18.4	583	7.411	50	2	24	0.29	500
	4	7/0.85	2.55	0.8	1.5	20.7	803	4.611	50	2	32	0.46	500
	6	7/1.04	3.12	1.0	1.6	25.1	1.175	3.088	50	2	40	0.69	500
	10	7/1.35	4.05	1.2	1.8	30.8	1.842	1.833	50	2	54	1.15	500
15	1.5	7/0.50	1.5	0.8	1.5	17.6	489	12.2	50	2	17	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	19.9	699	7.411	50	2	24	0.29	500
	4	7/0.85	2.55	0.8	1.5	22.5	980	4.611	50	2	32	0.46	500
	6	7/1.04	3.12	1.0	1.7	27.1	1.424	3.088	50	2	40	0.69	500
	10	7/1.35	4.05	1.2	1.9	33.6	2.258	1.833	50	2	54	1.15	500
20	1.5	7/0.50	1.5	0.8	1.5	19.5	607	12.2	50	2	17	0.17	500
	2.5	7/0.67	2.01	0.8	1.5	22.1	878	7.411	50	2	24	0.29	500
	4	7/0.85	2.55	0.8	1.6	25.3	1.252	4.611	50	2	32	0.46	500
	6	7/1.04	3.12	1.0	1.9	30.8	1.837	3.088	50	2	40	0.69	500
30	1.5	7/0.50	1.5	0.8	1.6	23.5	878	12.2	50	2	17	0.17	500
	2.5	7/0.67	2.01	0.8	1.7	27.0	1.293	7.411	50	2	24	0.29	500
	4	7/0.85	2.55	0.8	1.9	30.9	1.847	4.611	50	2	32	0.46	500