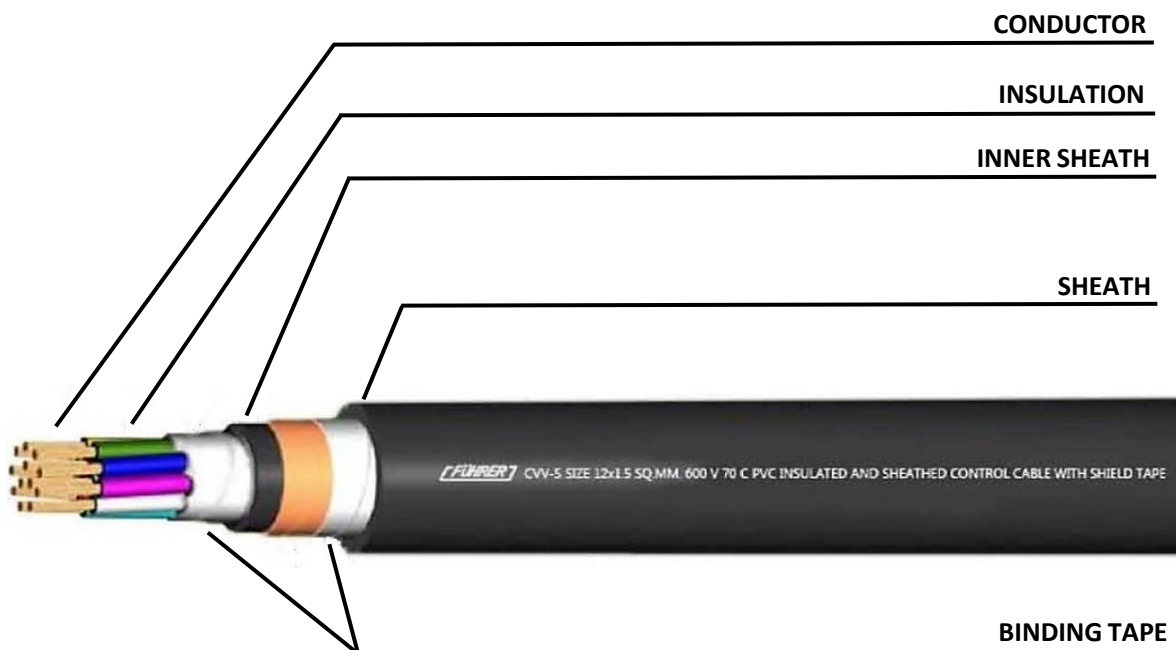
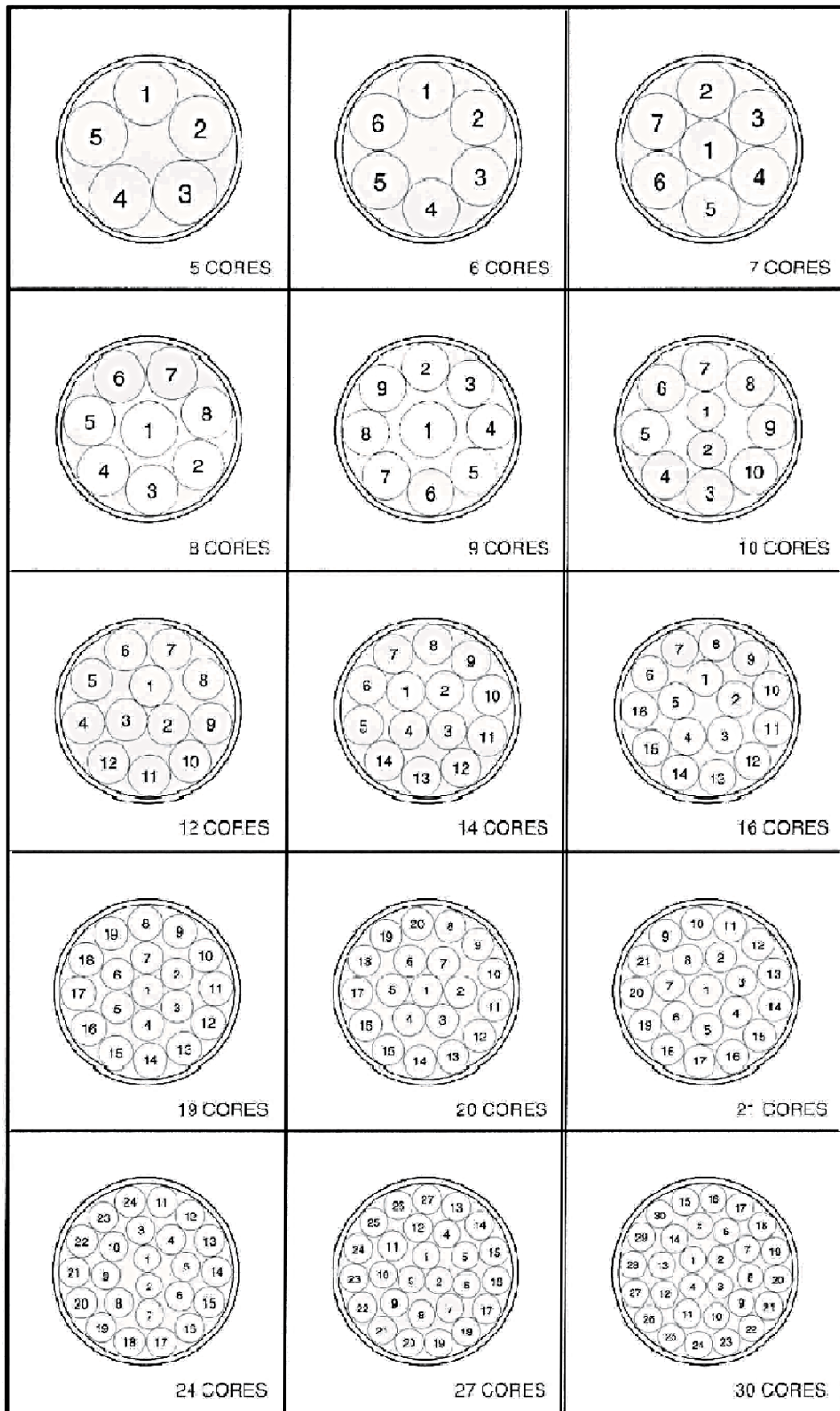


600 V 70°C PVC INSULATED AND SHEATHED CONTROL CABLE

CABLE STRUCTURE

NUMBER OF CORE	: 2 up to 30 core
CONDUCTOR	stranded annealed copper wires. Size. 0.75 mm ² up to 10 mm ²
INSULATION	: PVC Colour : 2-4 core : Black,White,Red and Green More than 4 cores : Any colour
BINDING TAPE	: paper tape or milar tape
SHIELD	: copper tape
SHEATH	: PVC Colour: Black
CLASSIFICATION	Maximum conductor temperature 70°C Circuit voltage not exceeding 600 volts.
TESTING VOLTAGE	: 2500 Volts.
REFERENCE	: TIS. 838-2531 TABLE 10 (TYPE D)





Number of Core	Nominal cross sectional area (mm ²)	Number and diameter of wire (No/mm)	Diameter of Conductor (approx.) (mm)	Insulation thickness (mm)	Thickness of Inner Sheath thickness (mm)	Outer Sheath thickness (mm)	Approx. Overall diameter (mm)	Maximum conductor resistance at 20 °C (Ω/Km)	Maximum insulation resistance at 15.6 °C (MΩ-Km)	Cable weight (approx.) (Kg/Km)	Standard Length (m)
2	0.75	7/0.33	0.99	0.76	1.14	1.14	11.5	24.5	257	170	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.14	12.5	18.1	228	180	500/D
	1.50	7/0.50	1.50	1.14	1.14	1.52	15.5	12.1	252	280	500/D
	2.50	7/0.67	2.01	1.14	1.14	1.52	16.5	7.41	209	340	500/D
	4.00	7/0.85	2.55	1.14	1.14	1.52	17.5	4.61	177	400	500/D
	6.00	7/1.04	3.12	1.14	1.14	1.52	19.0	3.08	153	480	500/D
	10.00	7/1.35	4.05	1.52	1.14	1.52	22.5	1.83	154	700	500/D
3	0.75	7/0.33	0.99	0.76	1.14	1.14	12.5	24.5	257	190	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.14	12.5	18.1	228	210	500/D
	1.50	7/0.50	1.50	1.14	1.14	1.52	16.0	12.1	252	320	500/D
	2.50	7/0.67	2.01	1.14	1.14	1.52	17.0	7.41	209	390	500/D
	4.00	7/0.85	2.55	1.14	1.14	1.52	18.5	4.61	177	470	500/D
	6.00	7/1.04	3.12	1.14	1.14	1.52	20.0	3.08	153	570	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	25.0	1.83	154	890	500/D
4	0.75	7/0.33	0.99	0.76	1.14	1.14	13.0	24.5	257	210	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.14	13.5	18.1	228	240	500/D
	1.50	7/0.50	1.50	1.14	1.14	1.52	17.0	12.1	252	370	500/D
	2.50	7/0.67	2.01	1.14	1.14	1.52	18.5	7.41	209	450	500/D
	4.00	7/0.85	2.55	1.14	1.14	1.52	20.0	4.61	177	560	500/D
	6.00	7/1.04	3.12	1.14	1.14	1.52	21.5	3.08	153	680	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	27.0	1.83	154	1080	500/D
5	0.75	7/0.33	0.99	0.76	1.14	1.14	14.0	24.5	257	240	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	15.5	18.1	228	290	500/D
	1.50	7/0.50	1.50	1.14	1.14	1.52	18.5	12.1	252	420	500/D
	2.50	7/0.67	2.01	1.14	1.14	1.52	20.0	7.41	209	520	500/D
	4.00	7/0.85	2.55	1.14	1.14	1.52	21.5	4.61	177	640	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	24.5	3.08	153	840	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	29.5	1.83	154	1250	500/D
6	0.75	7/0.33	0.99	0.76	1.14	1.52	15.5	24.5	257	300	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	16.5	18.1	228	330	500/D
	1.50	7/0.50	1.50	1.14	1.14	1.52	20.0	12.1	252	480	500/D
	2.50	7/0.67	2.01	1.14	1.14	1.52	21.5	7.41	209	600	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	24.5	4.61	177	800	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	26.5	3.08	153	980	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	32.0	1.83	154	1480	500/D
7	0.75	7/0.33	0.99	0.76	1.14	1.52	15.5	24.5	257	300	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	16.5	18.1	228	340	500/D
	1.50	7/0.50	1.50	1.14	1.14	1.52	20.0	12.1	252	490	500/D
	2.50	7/0.67	2.01	1.14	1.14	1.52	21.5	7.41	209	620	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	24.5	4.61	177	830	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	26.5	3.08	153	1030	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	32.0	1.83	154	1560	500/D
8	0.75	7/0.33	0.99	0.76	1.14	1.52	16.5	24.5	257	340	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	17.5	18.1	228	380	500/D
	1.50	7/0.50	1.50	1.14	1.14	1.52	21.5	12.1	252	560	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	24.0	7.41	209	750	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	26.0	4.61	177	940	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	28.0	3.08	153	1170	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	34.5	1.83	154	1780	500/D
9	0.75	7/0.33	0.99	0.76	1.14	1.52	17.5	24.5	257	370	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	18.5	18.1	228	420	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	22.5	12.1	252	620	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	25.5	7.41	209	840	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	28.0	4.61	177	1050	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	30.0	3.08	153	1310	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	37.0	1.83	154	2000	500/D

C : Packing in coil.

D : Packing in drum.

Number of Core	Nominal cross sectional area (mm ²)	Number and diameter of wire (No/mm)	Diameter of Conductor (approx.)	Insulation thickness (mm)	Thickness of Inner Sheath thickness (mm)	Outer Sheath thickness (mm)	Approx. Overall diameter (mm)	Maximum conductor resistance at 20 °C (Ω/Km)	Maximum insulation resistance at 15.6 °C (MΩ-Km)	Cable weight (approx.) (Kg/Km)	Standard Length (m)
10	0.75	7/0.33	0.99	0.76	1.14	1.52	18.5	24.5	257	410	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	19.5	18.1	228	470	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	25.5	12.1	252	750	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	27.5	7.41	209	940	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	30.0	4.61	177	1180	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	32.5	3.08	153	1470	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	40.0	1.83	154	2260	500/D
11	0.75	7/0.33	0.99	0.76	1.14	1.52	18.5	24.5	257	420	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	19.5	18.1	228	480	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	25.5	12.1	252	770	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	27.5	7.41	209	980	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	30.0	4.61	177	1240	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	32.5	3.08	153	1550	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	39.5	1.83	154	2380	500/D
12	0.75	7/0.33	0.99	0.76	1.14	1.52	19.0	24.5	257	440	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	20.0	18.1	228	510	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	26.0	12.1	252	820	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	28.5	7.41	209	1040	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	31.0	4.61	177	1310	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	33.5	3.08	153	1650	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	41.0	1.83	154	2550	500/D
13	0.75	7/0.33	0.99	0.76	1.14	1.52	19.5	24.5	257	460	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	20.5	18.1	228	530	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	26.5	12.1	252	850	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	29.5	7.41	209	1090	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	31.5	4.61	177	1380	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	34.0	3.08	153	1740	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	42.0	1.83	154	2700	500/D
14	0.75	7/0.33	0.99	0.76	1.14	1.52	20.0	24.5	257	490	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	21.0	18.1	228	560	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	27.0	12.1	252	900	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	30.0	7.41	209	1160	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	32.5	4.61	177	1470	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	35.0	3.08	153	1860	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	43.5	1.83	154	2890	500/D
15	0.75	7/0.33	0.99	0.76	1.14	1.52	20.5	24.5	257	510	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	21.5	18.1	228	590	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	28.0	12.1	252	950	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	30.5	7.41	209	1210	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	33.0	4.61	177	1550	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	36.0	3.08	153	1960	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	44.5	1.83	154	3060	500/D
16	0.75	7/0.33	0.99	0.76	1.14	1.52	21.0	24.5	257	530	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	22.0	18.1	228	610	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	28.5	12.1	252	990	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	31.0	7.41	209	1270	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	34.0	4.61	177	1630	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	37.0	3.08	153	2060	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.03	45.5	1.83	154	3210	500/D
17	0.75	7/0.33	0.99	0.76	1.14	1.52	21.5	24.5	257	550	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	22.5	18.1	228	640	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	29.5	12.1	252	1040	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	32.0	7.41	209	1330	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	35.0	4.61	177	1710	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	38.0	3.08	153	2170	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	48.5	1.83	154	3350	500/D

C : Packing in coil.

D : Packing in drum.

Number of Core	Nominal cross sectional area (mm ²)	Number and diameter of wire (No/mm)	Diameter of Conductor (approx.)	Insulation thickness (mm)	Thickness of Inner Sheath thickness (mm)	Outer Sheath thickness (mm)	Approx. Overall diameter (mm)	Maximum conductor resistance at 20 °C (Ω/Km)	Maximum insulation resistance at 15.6 °C (MΩ-Km)	Cable weight (approx.) (Kg/Km)	Standard Length (m)
18	0.75	7/0.33	0.99	0.76	1.14	1.52	22.0	24.5	257	580	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	23.0	18.1	228	670	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	30.0	12.1	252	1090	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	32.5	7.41	209	1410	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	35.5	4.61	177	1800	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	39.0	3.08	153	2290	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	50.0	1.83	154	3750	500/D
19	0.75	7/0.33	0.99	0.76	1.14	1.52	22.0	24.5	257	580	500/D
	1.00	7/0.40	1.20	0.76	1.14	1.52	23.0	18.1	228	680	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	30.0	12.1	252	1100	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	32.5	7.41	209	1430	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	35.5	4.61	177	1840	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	39.0	3.08	153	2340	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	50.0	1.83	154	3830	500/D
20	0.75	7/0.33	0.99	0.76	1.14	1.52	22.5	24.5	257	610	500/D
	1.00	7/0.40	1.20	0.76	1.14	2.03	24.5	18.1	228	760	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	30.5	12.1	252	1150	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	33.5	7.41	209	1490	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	36.5	4.61	177	1920	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	39.5	3.08	153	2450	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	51.0	1.83	154	4020	500/D
21	0.75	7/0.33	0.99	0.76	1.14	1.52	22.5	24.5	257	630	500/D
	1.00	7/0.40	1.20	0.76	1.14	2.03	25.0	18.1	228	790	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	31.0	12.1	252	1190	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	34.0	7.41	209	1550	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	37.5	4.61	177	2010	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	40.5	3.08	153	2560	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	52.0	1.83	154	4190	500/D
22	0.75	7/0.33	0.99	0.76	1.14	2.03	24.5	24.5	257	710	500/D
	1.00	7/0.40	1.20	0.76	1.14	2.03	25.5	18.1	228	820	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	32.0	12.1	252	1240	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	35.0	7.41	209	1620	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	38.5	4.61	177	2100	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	42.0	3.08	153	2680	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	54.0	1.83	154	4390	500/D
23	0.75	7/0.33	0.99	0.76	1.14	2.03	24.5	24.5	257	730	500/D
	1.00	7/0.40	1.20	0.76	1.14	2.03	26.0	18.1	228	850	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	32.5	12.1	252	1290	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	35.5	7.41	209	1680	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	39.0	4.61	177	2170	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	42.5	3.08	153	2780	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	55.0	1.83	154	4560	500/D
24	0.75	7/0.33	0.99	0.76	1.14	2.03	26.0	24.5	257	780	500/D
	1.00	7/0.40	1.20	0.76	1.14	2.03	27.5	18.1	228	900	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	34.5	12.1	252	1380	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	37.5	7.41	209	1800	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	41.0	4.61	177	2330	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	45.0	3.08	153	2980	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	58.0	1.83	154	4880	500/D
25	0.75	7/0.33	0.99	0.76	1.14	2.03	26.0	24.5	257	800	500/D
	1.00	7/0.40	1.20	0.76	1.14	2.03	27.5	18.1	228	920	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	34.5	12.1	252	1410	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	37.5	7.41	209	1840	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	41.0	4.61	177	2380	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	45.0	3.08	153	3050	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	58.0	1.83	154	5010	500/D

C : Packing in coil.

D : Packing in drum.

Number of Core	Nominal cross sectional area (mm ²)	Number and diameter of wire (No/mm)	Diameter of Conductor (approx.) (mm)	Insulation thickness (mm)	Thickness of Inner Sheath thickness (mm)	Outer Sheath thickness (mm)	Approx. Overall diameter (mm)	Maximum conductor resistance at 20 °C (Ω/Km)	Maximum insulation resistance at 15.6 °C (MΩ-Km)	Cable weight (approx.) (Kg/Km)	Standard Length (m)
26	0.75	7/0.33	0.99	0.76	1.14	2.03	26.0	24.5	257	810	500/D
	1.00	7/0.40	1.20	0.76	1.14	2.03	27.5	18.1	228	930	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	34.5	12.1	252	1430	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	37.5	7.41	209	1880	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	41.0	4.61	177	2440	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	45.0	3.08	153	3130	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	58.0	1.83	154	5140	500/D
27	0.75	7/0.33	0.99	0.76	1.14	2.03	26.5	24.5	257	830	500/D
	1.00	7/0.40	1.20	0.76	1.14	2.03	28.0	18.1	228	960	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	35.0	12.1	252	1480	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	38.5	7.41	209	1940	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	42.0	4.61	177	2520	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.03	46.0	3.08	153	3230	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	59.0	1.83	154	5310	500/D
28	0.75	7/0.33	0.99	0.76	1.14	2.03	26.5	24.5	257	840	500/D
	1.00	7/0.40	1.20	0.76	1.14	2.03	28.0	18.1	228	980	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	35.0	12.1	252	1510	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	38.5	7.41	209	1980	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	42.0	4.61	177	2580	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.79	46.0	3.08	153	3310	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	59.0	1.83	154	5440	500/D
29	0.75	7/0.33	0.99	0.76	1.14	2.03	26.5	24.5	257	860	500/D
	1.00	7/0.40	1.20	0.76	1.14	2.03	28.0	18.1	228	1000	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	35.5	12.1	252	1540	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	39.0	7.41	209	2030	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	42.5	4.61	177	2650	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.79	48.0	3.08	153	3560	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	59.5	1.83	154	5600	500/D
30	0.75	7/0.33	0.99	0.76	1.14	2.03	27.0	24.5	257	890	500/D
	1.00	7/0.40	1.20	0.76	1.14	2.03	28.5	18.1	228	1030	500/D
	1.50	7/0.50	1.50	1.14	1.14	2.03	36.0	12.1	252	1590	500/D
	2.50	7/0.67	2.01	1.14	1.14	2.03	40.0	7.41	209	2090	500/D
	4.00	7/0.85	2.55	1.14	1.14	2.03	43.5	4.61	177	2730	500/D
	6.00	7/1.04	3.12	1.14	1.14	2.79	49.5	3.08	153	3670	500/D
	10.00	7/1.35	4.05	1.52	1.14	2.79	61.0	1.83	154	5770	500/D

C : Packing in coil.

D : Packing in drum.