

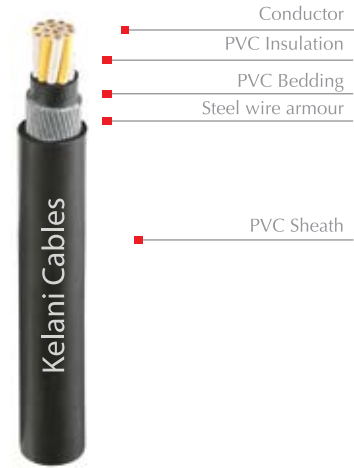
## 5 Control Cables

### 5.2 Control cables armoured

Application: For indoor & outdoor control panel wiring. Armoured cables are used where mechanical protection is required. Cables can be laid in air, in conduit, in ducts & in trenches.

#### Engineering Specifications

<b>Type</b>	: Cu/PVC/SWA/PVC
<b>Standard</b>	: IEC 60502
<b>Nominal Voltage</b>	: 600/1000 V
<b>Insulation</b>	: 70 °C rated PVC compound
<b>Sheathing</b>	: PVC compound
<b>Packing</b>	: The cables are delivered on non-returnable wooden drums as per customer requirement.
<b>Conductor</b>	: Soft annealed solid / stranded or flexible copper wires



#### Technical Information

KELANI Cable Code	Nominal Cross sectional area	Nominal insu. thickness	Nominal Bedding thickness	Nominal steel wire diameter	Nominal sheath thickness	Max. overall diameter	Approx. Weight	Max d.c. Resistance at 20 °C	Packing 1000 m Drum Type
	N x mm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km	Ω/km	Code
1C0719053Z	7 x 1.5	0.8	1.0	1.25	1.8	18.0	656	12.1	Kel 05
1C1019053Z	10 x 1.5	0.8	1.0	1.25	1.8	20.0	846		Kel 06
1C1219053Z	12 x 1.5	0.8	1.0	1.6	1.8	22.0	1043		Kel 06
1C1419053Z	14 x 1.5	0.8	1.0	1.6	1.8	23.0	1116		Kel 06
1C1619053Z	16 x 1.5	0.8	1.0	1.6	1.8	24.0	1208		Kel 06
1C1919053Z	19 x 1.5	0.8	1.0	1.6	1.8	25.0	1323		Kel 06
1C2419053Z	24 x 1.5	0.8	1.0	1.6	1.8	28.0	1577		Kel 10
1C3019053Z	30 x 1.5	0.8	1.0	1.6	1.8	29.0	1784		Kel 12
1C3719053Z	37 x 1.5	0.8	1.0	1.6	1.9	31.0	2036		Kel 12
1C0722067Z	7 x 2.5	0.8	1.0	1.25	1.8	19.0	783	7.41	Kel 05
1C1022067Z	10 x 2.5	0.8	1.0	1.6	1.8	23.0	1146		Kel 06
1C1222067Z	12 x 2.5	0.8	1.0	1.6	1.8	24.0	1238		Kel 06
1C1422067Z	14 x 2.5	0.8	1.0	1.6	1.8	25.0	1350		Kel 08
1C1622067Z	16 x 2.5	0.8	1.0	1.6	1.8	26.0	1463		Kel 09
1C1922067Z	19 x 2.5	0.8	1.0	1.6	1.8	27.0	1612		Kel 10
1C2422067Z	24 x 2.5	0.8	1.0	1.6	1.8	30.5	1940		Kel 10
1C3022067Z	30 x 2.5	0.8	1.2	2.0	1.9	33.0	2502		Kel 12
1C3722067Z	37 x 2.5	0.8	1.2	2.0	2.0	35.5	2862		Kel 15
1C0724085Z	7 x 4	1.0	1.0	1.6	1.8	22.0	1145	4.61	Kel 06
1C1024085Z	10 x 4	1.0	1.0	1.6	1.8	27.0	1510		Kel 10
1C1224085Z	12 x 4	1.0	1.0	1.6	1.8	28.0	1662		Kel 10
1C1424085Z	14 x 4	1.0	1.0	1.6	1.8	29.0	1817		Kel 12
1C1624085Z	16 x 4	1.0	1.0	1.6	1.8	30.0	1992		Kel 12
1C1924085Z	19 x 4	1.0	1.0	1.6	1.9	31.8	2219		Kel 14
1C2424085Z	24 x 4	1.0	1.2	2.0	2.0	37.7	3015		Kel 15
1C3024085Z	30 x 4	1.0	1.2	2.0	2.1	39.8	3463		Kel 15
1C3724085Z	37 x 4	1.0	1.2	2.0	2.2	42.7	4005		Kel 15