

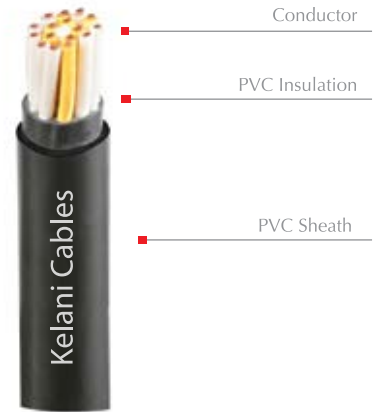
5 Control Cables

5.1 Control cables unarmoured

Application : For indoor & outdoor control panel wiring. These cables can be laid in air, in conduit, in ducts & in trenches.

Engineering Specifications

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



Technical Information

KELANI Cable Code	Nominal Cross sectional area	Nominal insu. thickness	Nominal sheath thickness	Max. overall diameter	Approx. Weight	Max d.c. Resistance at 20°C	Packing	
							Drum Type	Cable Length
	N x mm ²	mm	mm	mm	kg/km	Ω/km	Code	m
1G0719053Z	7 x 1.5	0.8	1.8	13.9	270	12.1	Kel 03	1000
1G1019053Z	10 x 1.5	0.8	1.8	17.0	360		Kel 05	1000
1G1219053Z	12 x 1.5	0.8	1.8	17.5	420		Kel 05	1000
1G1419053Z	14 x 1.5	0.8	1.8	18.3	450		Kel 05	1000
1G1619053Z	16 x 1.5	0.8	1.8	19.3	530		Kel 05	1000
1G1919053Z	19 x 1.5	0.8	1.8	20.2	610		Kel 05	1000
1G2419053Z	24 x 1.5	0.8	1.8	23.4	760		Kel 06	1000
1G3019053Z	30 x 1.5	0.8	1.8	24.7	910		Kel 08	1000
1G3719053Z	37 x 1.5	0.8	1.8	26.5	1100		Kel 10	1000
1G0722067Z	7 x 2.5	0.8	1.8	15.2	355		7.41	Kel 04
1G1022067Z	10 x 2.5	0.8	1.8	18.3	480	Kel 05		1000
1G1222067Z	12 x 2.5	0.8	1.8	19.4	565	Kel 05		1000
1G1422067Z	14 x 2.5	0.8	1.8	20.3	640	Kel 06		1000
1G1622067Z	16 x 2.5	0.8	1.8	21.4	715	Kel 06		1000
1G1922067Z	19 x 2.5	0.8	1.8	22.5	830	Kel 06		1000
1G2422067Z	24 x 2.5	0.8	1.8	26.1	1120	Kel 09		1000
1G3022067Z	30 x 2.5	0.8	1.8	28.1	1250	Kel 10		1000
1G3722067Z	37 x 2.5	0.8	1.9	29.9	1520	Kel 10		1000
1G0724085Z	7 x 4	1.0	1.8	18.1	520	4.61		Kel 05
1G1024085Z	10 x 4	1.0	1.8	22.6	720		Kel 06	1000
1G1224085Z	12 x 4	1.0	1.8	23.3	840		Kel 09	1000
1G1424085Z	14 x 4	1.0	1.8	24.5	950		Kel 09	1000
1G1624085Z	16 x 4	1.0	1.8	25.8	1070		Kel 10	1000
1G1924085Z	19 x 4	1.0	1.8	27.2	1260		Kel 10	1000
1G2424085Z	24 x 4	1.0	1.9	31.3	1580		Kel 12	1000
1G3024085Z	30 x 4	1.0	2.0	34.2	1965		Kel 14	1000
1G3724085Z	37 x 4	1.0	2.1	37.1	2510		Kel 15	1000