2 Indoor Cables

2.2 Single core insulated, non-sheathed - flexible conductor

Application : For indoor fixed installations in dry locations. Shall be enclosed in conduit,ducting or trunking. Can use in situations where tight bending radii exists.

Engineering Specifications

Type : Cu/PVC
Standard : SLS 1504-2-31, BS EN 50525-2-31
Nominal Voltage : 450/750 V
Insulation : 70 °C rated PVC compound
Packing : Supplied in coils of 100 meters or as per customer requirement
Conductor : Soft annealed copper fine wires (Class V)

Technical Information

KELANI Cable Code	Cable		Nominal Insulation Thickness	Max. Overall Diameter	Approx. Weight	Max. d.c. Resistance at 20 °C	Packing	
	Nominal Cross sectional area	No.& Dia. of wires					Drum Type	Cable Length
	mm²	x/mm	mm	mm	kg/km	Ω/km		m
1V119025ZZ	1.5	30/0.25	0.7	3.4	23	13.3	Coils	100
1V122025ZZ	2.5	50/0.25	0.8	4.1	34	7.98	Coils	100
1V124030ZZ	4	56/0.30	0.8	4.8	48	4.95	Coils	100
1V126030ZZ	6	84/0.30	0.8	5.3	70	3.30	Coils	100
1V129040ZZ	10	80/0.40	1.0	6.8	115	1.91	Coils	100
1V131040ZZ	16	126/0.40	1.0	8.1	168	1.21	Coils	100
1V132040ZZ	25	196/0.40	1.2	10.2	258	0.780	Coils	100
1V133040ZZ	35	276/0.40	1.2	11.7	350	0.554	Coils	100
1V135040ZZ	50	396/0.40	1.4	13.9	495	0.386	Kel 02	1000
1V137050ZZ	70	360/0.50	1.4	16.0	680	0.272	Kel 04	1000
1V138050ZZ	95	475/0.50	1.6	18.2	890	0.206	Kel 05	1000
1V139050ZZ	120	608/0.50	1.6	20.2	1120	0.161	Kel 05	1000
1V141050ZZ	150	756/0.50	1.8	22.5	1410	0.129	Kel 06	1000
1V142050ZZ	185	925/0.50	2.0	24.9	1700	0.106	Kel 08	1000
1V143050ZZ	240	1221/0.50	2.2	28.4	2259	0.0801	Kel 10	1000

Refer Table A1 & A2 for current carrying capacity and voltage drop.