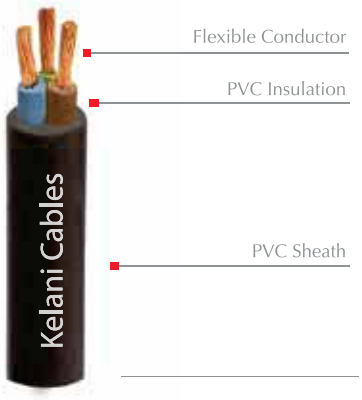
2 Indoor Cables

2.5 Multi core insulated and sheathed - flexible conductor

Application : For indoor movable installations in dry locations. Can use in situations where tight bending radii and physical stress associated with moving applications.

Engineering Specifications

Type : Cu/PVC/PVC
Standard : SLS 1504-2-11, BS EN 50525-2-11
Nominal Voltage : 300/300 V Light, 300/500 V Normal
Insulation : PVC compound
Sheathing : PVC compound
Packing : Supplied in coils of 100 meters or as per customer requirement
Conductor : Soft annealed bunched fine copper wires



Technical Information

KELANI Cable Code	Conductor		Nominal Insulation Thickness	Nominal Sheathing 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	mm	kg/km	Ω/km		m
Light flexible cords									
1F212020ZE	2 x 0.5	16/0.20	0.5	0.6	6.0	37	39.0	Coils	100
1F312020ZE	3 x 0.5	16/0.20	0.5	0.6	6.2	45	39.0	Coils	100
1F412020ZE	4 x 0.5	16/0.20	0.5	0.6	6.8	55	39.0	Coils	100
Normal Flexible cords									
1F215020ZE	2 x 0.75	24/0.20	0.6	0.8	7.6	58	26.0	Coils	100
1F216020ZE	2 x 1.0	32/0.20	0.6	0.8	8.0	66	19.5	Coils	100
1F219025ZE	2 x 1.5	30/0.25	0.7	0.8	9.0	88	13.3	Coils	100
1F222025ZE	2 x 2.5	50/0.25	0.8	1.0	11.0	135	7.98	Coils	100
1F224030ZE	2 x 4	56/0.30	0.8	1.1	12.0	184	4.95	Coils	100
1F315020ZE	3 x 0.75	24/0.20	0.6	0.8	8.0	69	26.0	Coils	100
1F316020ZE	3 x 1.0	32/0.20	0.6	0.8	8.4	80	19.5	Coils	100
1F319025ZE	3 x 1.5	30/0.25	0.7	0.9	9.8	111	13.3	Coils	100
1F322025ZE	3 x 2.5	50/0.25	0.8	1.1	12.0	170	7.98	Coils	100
1F324030ZE	3 x 4	56/0.30	0.8	1.2	13.0	235	4.95	Coils	100
1F415020ZE	4 x 0.75	24/0.20	0.6	0.8	8.6	85	26.0	Coils	100
1F416020ZE	4 x 1.0	32/0.20	0.6	0.9	9.4	102	19.5	Coils	100
1F419025ZE	4 x 1.5	30/0.25	0.7	1.0	11.0	142	13.3	Coils	100
1F422025ZE	4 x 2.5	50/0.25	0.8	1.1	13.0	211	7.98	Coils	100
1F424030ZE	4 x 4	56/0.30	0.8	1.2	14.0	316	4.95	Coils	100
1F515020ZE	5 x 0.75	24/0.20	0.6	0.9	9.6	106	26.0	Coils	100
1F516020ZE	5 x 1.0	32/0.20	0.6	0.9	10.0	125	19.5	Coils	100
1F519025ZE	5 x 1.5	30/0.25	0.7	1.1	12.0	180	13.3	Coils	100
1F522025ZE	5 x 2.5	50/0.25	0.8	1.2	14.0	260	7.98	Coils	100
1F524030ZE	5 x 4	56/0.30	0.8	1.4	15.5	370	4.95	Coils	100

Refer Table M for current carrying capacity and voltage drop of PVC insulated cables.