

6 Panel Wire (Switchgear Cable)

Application: These cables are suitable for wiring of switchgear and control gear.

Engineering Specifications

Type	: Cu/PVC
Standard	: BS 6231:2006
Nominal Voltage	: 600/1000 V
Insulating Sheath	: PVC compound (70 °C or 90 °C)
Packing	: As per customer requirements
Conductor	: Fine wire of annealed copper



Technical Information

KELANI Cable Code	Conductor		Nominal Insulation thickness	Overall Diameter		Max d.c. Resistance at 20 °C
	Nominal Cross sectional area	No. & Dia. of wires		Lower limit	Upper limit	
	mm ²	x/mm	mm	mm	mm	Ω/km
1V11202PZZ	0.5	16/0.20	0.8	2.4	3.0	39.00
1V11502PZZ	0.75	24/0.20	0.8	2.5	3.1	26.00
1V11602PZZ	1.00	32/0.20	0.8	2.7	3.3	19.50
1V11902PZZ	1.5	30/0.25	0.8	3.0	3.6	13.30
1V12202PZZ	2.5	50/0.25	0.8	3.4	4.1	7.98
1V12403PZZ	4	56/0.30	0.8	3.9	4.8	4.95
1V12603PZZ	6	84/0.30	0.8	4.4	5.3	3.30
1V12903PZZ	10	126/0.30	1.0	5.7	7.2	1.91
1V13103PZZ	16	196/0.30	1.0	6.7	9.0	1.21
1V13203PZZ	25	322/0.30	1.2	8.4	11.5	0.780
1V13303PZZ	35	456/0.30	1.2	9.7	12.5	0.554
1V13503PZZ	50	665/0.30	1.4	11.5	15.4	0.386
1V13703PZZ	70	931/0.30	1.4	13.2	17.5	0.272
1V13803PZZ	95	1258/0.30	1.6	15.1	19.2	0.206
1V13903PZZ	120	1554/0.30	1.6	16.7	21.2	0.161