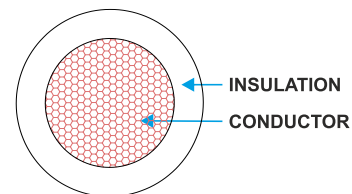




Control Cables

Single Core - Flexible As per IS 694



Application

These cables are designed for residential and commercial infrastructure. They serve as the connecting medium in power and control panels, cabinets & switch gears. They can also be used for the purposes such as stationary and static appliances, motors and for other single phase connections.

Properties

- PVC self-extinguishing
- Flame retardant
- RoHS
- CE marking

Construction

- Bare copper, fine wire conductors to IEC 60228 cl. 5, IS: 8130
- Insulation of PVC (Type A, B, C) IS : 5831
- Conductors core color coded as per IS 694.

Technical Parameter

- Voltage rating : 650V/1100V
- Temp rating : - 15°C to +70°C / 105°C
- Short circuit : 160°C
- Bending radius : 4 to 6 x diameter of cable
- Standard cable colour : As per IS 694



0809 - Control Cables

Cable Design Parameters

Part No.	Area in	Conductor construction No. Wire	Max. DC Resistance Km at 20°C	Nominal Insulation Thickness in mm	Cable Dia (Approx.) mm	Current Rating in Amp @ ambient 40°C
	Sq. mm					
0810B010005	0.50	16/0.20	39.0	0.60	2.20	4
0810B010007	0.75	24/0.20	26.0	0.60	2.50	7
0810B010010	1.00	32/0.20	19.5	0.60	2.60	13
0810B010015	1.50	*30/0.20	13.3	0.60	2.90	16
0810B010025	2.50	**50/0.25	7.98	0.70	3.50	20
0810B010040	4.00	56/0.30	4.95	0.80	4.30	27
0810B010060	6.00	84/0.30	3.30	0.80	5.30	35
0810B010100	10.0	140/0.30	1.910	1.00	6.70	46
0810B010160	16.0	101/0.45	1.210	1.00	8.20	62
0810B010250	25.0	158/0.45	0.780	1.20	10.0	80
0810B010350	35.0	220/0.45	0.554	1.20	11.3	102
0810B010500	50.0	315/0.45	0.386	1.40	13.5	138
0810B010700	70.0	440/0.45	0.272	1.40	15.5	214
0810B010950	95.0	485/0.50	0.206	1.60	18.5	260
0810B011200	120	608/0.50	0.161	2.00	20.9	305
0810B011500	150	750/0.50	0.129	2.00	22.5	355
0810B011850	185	925/0.50	0.106	2.20	24.6	415
0810B012400	240	1221/0.50	0.0801	2.20	27.6	500

* This size can be supplied in 48/0.2 construction.

**This size can be supplied in 80/0.2 construction.

