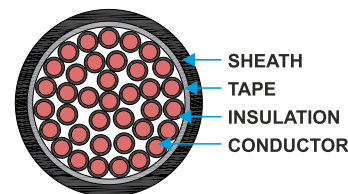




Control Cables

PVC Control Cables IS 1554/Pt1/1988



0813 - Control Cables

Application

Control cables are an excellent choice for power distribution systems due to their high performance. They are perfect for electrical systems that require multiple functionalities such as monitoring, controlling, regulating, and measuring technical devices and components. Automated systems and systems with multiple inputs and outputs can also benefit from control cables. We are providing control cables to a diverse range of electrical, electronic, digital, and technical sectors for many years. We cater to small, medium, and large entities, industries, and commercial businesses. Additionally, we offer custom-designed and tailored control cables to meet your specific needs.

Properties

- PVC self-extinguishing
- Flame retardant
- Flame retardant and low smoke Cables
- RoHS
- CE marking

Construction

- Conductor : Solid / Stranded bare copper conductor as per IS8130
- Insulation : PVC type A, C as per requirement (IS 5831)
- Inner sheath : PVC type ST-1 / St-2 as applicable
- Armouring : GI round wire / flat Strip as applicable
- Outer sheath : PVC type ST-1 / St-2 as applicable
- Others : FRLSH or FR cables on request

Technical Parameter

- Voltage rating : 650V/1100V
- Temp rating : - 15°C to +70°C /85°C
- Short circuit : 160°C
- Bending radius : 10 x diameter of cable
- Standard cable colour : As per IS 1554/pt-1/1988
- Packing : standard packing of 500 mtr. +/-5% tolerance longer length available on request

1.1KV Grade 1.5Sqmm PVC Insulated (Unarmd & Armoured) Control Cable as per IS 1554/Pt1/1988

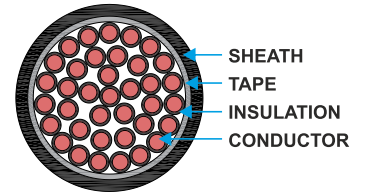
Part Code	No. of Core	Insulation Nom. Thick.(mm.)	Min Inner sheath Thick.(mm.)	Outer Sheath Thic.(mm.)	Overall Diameter (mm)	Weight of Cable Appr. (Kg/km)	Nom. Dia of round wire / Thick.(mm.)	Outer Sheath Thick.(mm.)	Overall Diameter (mm)	Weight of Cable Appr. (Kg/km)
0814B020015	2	0.8	0.3	1.80	12.0	164	1.4	1.24	14.0	378
0814B030015	3	0.8	0.3	1.80	12.5	189	1.4	1.24	14.5	415
0814B040015	4	0.8	0.3	1.80	13.5	222	1.4	1.24	15.0	471
0814B050015	5	0.8	0.3	1.80	14.5	262	1.4	1.24	16.0	535
0814B060015	6	0.8	0.3	1.80	15.5	279	1.4	1.24	17.0	576
0814B070015	7	0.8	0.3	1.80	15.5	290	1.4	1.24	17.0	587
0814B080015	8	0.8	0.3	1.80	16.5	334	1.4	1.24	18.5	654
0814B090015	9	0.8	0.3	1.80	17.5	379	1.4	1.24	19.5	722
0814B100015	10	0.8	0.3	1.80	19.0	393	1.4	1.40	21.0	777
0814B120015	12	0.8	0.3	1.80	19.5	443	4 x 0.8	1.40	21.5	685
0814B140015	14	0.8	0.3	1.80	20.0	498	4 x 0.8	1.40	22.5	755
0814B160015	16	0.8	0.3	1.80	21.0	558	4 x 0.8	1.40	23.5	840
0814B190015	19	0.8	0.3	2.00	22.5	650	4 x 0.8	1.40	24.5	939
0814B210015	21	0.8	0.3	2.00	23.5	717	4 x 0.8	1.40	25.5	1004
0814B240015	24	0.8	0.3	2.00	26.0	801	4 x 0.8	1.40	28.0	1136
0814B270015	27	0.8	0.3	2.00	26.5	875	4 x 0.8	1.40	28.5	1208
0814B300015	30	0.8	0.3	2.00	27.5	952	4 x 0.8	1.40	29.5	1311
0814B330015	33	0.8	0.3	2.00	28.0	1037	4 x 0.8	1.40	30	1420
0814B370015	37	0.8	0.3	2.00	29.0	1133	4 x 0.8	1.40	31.5	1514
0814B440015	44	0.8	0.3	2.00	32.5	1329	4 x 0.8	1.56	35	1783
0814B520015	52	0.8	0.4	2.2	34.5	1570	4 x 0.8	1.56	37.5	2046
0814B610015	61	0.8	0.4	2.2	36.0	1799	4 x 0.8	1.56	39.5	2270

Note : Suffix A for Armoured Cable



Control Cables

PVC Control Cables IS 1554/Pt1/1988



1.1KV Grade 2.5Sqmm PVC Insulated (Unarmd & Armoured) Control Cable as per IS 1554/Pt1/1988

Part Code	No. of Core	Insulation Nom. Thick.(mm.)	Min Inner sheath Thick.(mm.)	Outer Sheath Thic.(mm.)	Overall Diameter (mm)	Weight of Cable Appr. (Kg/km)	Nom. Dia of round wire / Thick.(mm.)	Outer Sheath Thick.(mm.)	Overall Diameter (mm)	Weight of Cable Appr. (Kg/km)
0814B020025	2	0.9	0.3	1.80	13.5	210	1.4	1.24	15.0	447
0814B030025	3	0.9	0.3	1.80	14.0	246	1.4	1.24	15.5	507
0814B040025	4	0.9	0.3	1.80	15.0	294	1.4	1.24	17.0	579
0814B050025	5	0.9	0.3	1.80	16.0	347	1.4	1.24	18.0	655
0814B060025	6	0.9	0.3	1.80	17.5	373	1.4	1.24	19.0	704
0814B070025	7	0.9	0.3	1.80	17.5	390	1.4	1.24	19.0	721
0814B080025	8	0.9	0.3	1.80	18.5	451	1.4	1.40	21.0	835
0814B090025	9	0.9	0.3	1.80	20.0	514	4 x 0.8	1.40	21.0	772
0814B100025	10	0.9	0.3	1.80	21.5	533	4 x 0.8	1.40	22.0	815
0814B120025	12	0.9	0.3	2.00	22.5	628	4 x 0.8	1.40	23.0	917
0814B140025	14	0.9	0.3	2.00	23.5	708	4 x 0.8	1.40	24.0	995
0814B160025	16	0.9	0.3	2.00	24.5	796	4 x 0.8	1.40	25.0	1107
0814B190025	19	0.9	0.3	2.00	26.0	904	4 x 0.8	1.40	26.0	1239
0814B210025	21	0.9	0.3	2.00	27.0	1001	4 x 0.8	1.40	27.5	1360
0814B240025	24	0.9	0.3	2.00	29.5	1121	4 x 0.8	1.40	30.0	1501
0814B270025	27	0.9	0.3	2.00	30.5	1230	4 x 0.8	1.56	31.0	1636
0814B300025	30	0.9	0.3	2.00	31.5	1334	4 x 0.8	1.56	32.0	1799
0814B330025	33	0.9	0.3	2.00	32.5	1467	4 x 0.8	1.56	33.5	1921
0814B370025	37	0.9	0.4	2.20	34.5	1653	4 x 0.8	1.56	34.5	2104
0814B440025	44	0.9	0.4	2.20	38.5	1943	4 x 0.8	1.56	38.5	2439
0814B520025	52	0.9	0.4	2.20	40.0	2237	4 x 0.8	1.56	40.0	2755
0814B610025	61	0.9	0.4	2.20	42.5	2575	4 x 0.8	1.56	42.5	3142

Note : Suffix A for Armoured Cable

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