

Unarmoured PVC Control Cable IS : 1554 (Pt - I) - 1988

No. of Cores & Cross Sectional Area NO x mm2	Thickness of PVC Insulation (Nom.) mm	Thickness of PVC Innersheath (min.) Extruded mm	Thickness of PVC Outersheath (Nom.) mm	Approx. O.D. mm	Approx. Net Weight of Cable Kg / Km	Standard Delivery Length in Mtrs.	Current Rating	
							Direct in Ground Amps.	In Air / Duct Amps.
2 x 1.5	0.8	0.3	1.8	11.8	185	1000	23	20
3 x 1.5	0.8	0.3	1.8	12.3	190	1000	21	17
4 x 1.5	0.8	0.3	1.8	13.2	225	1000	21	17
5 x 1.5	0.8	0.3	1.8	14.1	260	1000	16	14
6 x 1.5	0.8	0.3	1.8	15.1	295	1000	15	13
7 x 1.5	0.8	0.3	1.8	15.1	315	1000	14	13
10 x 1.5	0.8	0.3	1.8	18.4	425	1000	13	11
12 x 1.5	0.8	0.3	1.8	18.9	480	1000	12	10
14 x 1.5	0.8	0.3	1.8	19.8	535	1000	11	10
16 x 1.5	0.8	0.3	1.8	20.7	595	1000	11	9
19 x 1.5	0.8	0.3	2.0	22.5	720	1000	10	9
24 x 1.5	0.8	0.3	2.0	25.8	880	1000	9	8
27 x 1.5	0.8	0.3	2.0	26.3	960	1000	9	8
30 x 1.5	0.8	0.3	2.0	27.2	1040	1000	9	7
37 x 1.5	0.8	0.3	2.0	29.1	1230	1000	8	7
2 x 2.5	0.9	0.3	1.8	13.0	230	1000	32	27
3 x 2.5	0.9	0.3	1.8	13.6	240	1000	27	24
4 x 2.5	0.9	0.3	1.8	14.6	290	1000	27	24
5 x 2.5	0.9	0.3	1.8	15.7	335	1000	23	19
6 x 2.5	0.9	0.3	1.8	16.9	385	1000	21	18
7 x 2.5	0.9	0.3	1.8	16.9	420	1000	20	17
10 x 2.5	0.9	0.3	1.8	20.8	570	1000	18	15
12 x 2.5	0.9	0.3	2.0	22.2	690	1000	17	14
14 x 2.5	0.9	0.3	2.0	23.2	775	1000	16	13
16 x 2.5	0.9	0.3	2.0	24.3	860	1000	15	13
19 x 2.5	0.9	0.3	2.0	25.5	985	1000	14	12
24 x 2.5	0.9	0.3	2.0	29.4	1215	1000	13	11
27 x 2.5	0.9	0.3	2.0	30.0	1330	1000	12	10
30 x 2.5	0.9	0.3	2.0	31.0	1450	1000	12	10
37 x 2.5	0.9	0.4	2.2	34.1	1790	1000	11	9

Construction

1. Solid / Stranded annealed copper conductor & Tinned / Bare
2. General Purpose / HR PVC insulation
3. Cores laid up (filled if needed)
4. FRLS / General Purpose PVC inner sheath
5. FRLS / General purpose PVC Outersheath

Max. Conductor D.C. Resistance at 20 Deg C - Conductor Size :

- 1.5 sq.mm - 12.1 Ohm / km (Bare), 12.2 Ω / km (Tinned)
 2.5 sq.mm - 7.41 Ohm / km (Bare), 7.56 Ω / km (Tinned)

* Dimensions specified are with stranded conductor.