Armoured 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 Inner sheath (min.) extruded mm**	**Strip Armoured Cable**		**Wire Armoured Cable**		**Current Rating**							
				Strip size mm	**Thickness of PVC Outer sheath (Min.) mm**	**Approx. OD mm**	**Approx. net weight of cable Kg/km**	**Round Wire Dia mm**	**Thickness of PVC Outer sheath (Min.) mm**	**Approx. OD mm**	**Approx. Net weight of cable Kg/Km**	**Standard Delivery Length in Mtrs.**	**Direct in Ground Amps**	**In Air / Duct. Amps**
2C x 1.5	0.8	0.3	-	-	-	-	1.4	1.24	13.6	415	1000	23	20	
3C x 1.5	0.8	0.3	-	-	-	-	1.4	1.24	14.1	430	1000	21	17	
4C x 1.5	0.8	0.3	-	-	-	-	1.4	1.24	15.0	490	1000	21	17	
5C x 1.5	0.8	0.3	-	-	-	-	1.4	1.24	15.9	545	1000	16	14	
6C x 1.5	0.8	0.3	-	-	-	-	1.4	1.24	16.9	605	1000	15	13	
7C x 1.5	0.8	0.3	-	-	-	-	1.4	1.24	16.9	630	1000	14	13	
10C x 1.5	0.8	0.3	-	-	-	-	1.4	1.40	20.6	835	1000	13	11	
12C x 1.5	0.8	0.3	4x0.8	1.24	19.5	760	1.6	1.40	21.5	950	1000	12	10	
14C x 1.5	0.8	0.3	4x0.8	1.40	20.8	830	1.6	1.40	22.4	1040	1000	11	10	
16C x 1.5	0.8	0.3	4x0.8	1.40	21.7	920	1.6	1.40	23.3	1130	1000	11	9	
19C x 1.5	0.8	0.3	4x0.8	1.40	23.1	1040	1.6	1.40	24.7	1265	1000	10	9	
24C x 1.5	0.8	0.3	4x0.8	1.40	26.4	1250	1.6	1.40	28.0	1510	1000	9	8	
27C x 1.5	0.8	0.3	4x0.8	1.40	26.9	1355	1.6	1.40	28.5	1610	1000	9	8	
30C x 1.5	0.8	0.3	4x0.8	1.40	27.8	1430	1.6	1.40	29.4	1700	1000	9	7	

37C x 1.5	0.8	0.3	4x0.8	1.40	29.7	1670	1.6	1.40	31.3	1960	1000	8	7
2C x 2.5	0.9	0.3	-				1.4	1.24	14.8	500	1000	32	27
3C x 2.5	0.9	0.3	-				1.4	1.24	15.4	520	1000	27	24
4C x 2.5	0.9	0.3	-				1.4	1.24	16.4	590	1000	27	24
5C x 2.5	0.9	0.3	-				1.4	1.24	17.5	660	1000	23	19
6C x 2.5	0.9	0.3	-				1.4	1.24	18.7	745	1000	21	18
7C x 2.5	0.9	0.3	-				1.4	1.24	18.7	780	1000	20	17
10C x 2.5	0.9	0.3	4x0.8	1.40	21.8	900	1.6	1.40	23.4	1110	1000	18	15
12C x 2.5	0.9	0.3	4x0.8	1.40	22.8	1020	1.6	1.40	24.4	1240	1000	17	14
14C x 2.5	0.9	0.3	4x0.8	1.40	23.8	1130	1.6	1.40	25.4	1340	1000	16	13
16C x 2.5	0.9	0.3	4x0.8	1.40	24.9	1210	1.6	1.40	26.5	1455	1000	15	13
19C x 2.5	0.9	0.3	4x0.8	1.40	26.1	1355	1.6	1.40	27.7	1605	1000	14	12
24C x 2.5	0.9	0.3	4x0.8	1.40	30.0	1655	1.6	1.56	32.0	1970	1000	13	11
27C x 2.5	0.9	0.3	4x0.8	1.40	30.6	1770	1.6	1.56	32.6	2100	1000	12	10
30C x 2.5	0.9	0.3	4x0.8	1.56	32.0	1940	1.6	1.56	33.6	2250	1000	12	10
37C x 2.5	0.9	0.4	4x0.8	1.56	34.7	2300	2.0	1.56	37.1	2900	1000	11	9

Top

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. Armoring round galvanized steel wires / strips

6. FRLS / General purpose PVC outer sheath

Max. Conductor D.C. Resistance at 20°C – Conductor Size

1.5 SQ.MM - 12.1 Ohm / km (Bare) , 12.2 Ohm / km (Tinned)

2.5 sq.mm - 7.41 Ohm / km (Bare), 7.56 Ohm / km (Tinned)

*Dimensions specified are with stranded conductor.

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 Innersheath (min.) extruded mm**	**Thickness of 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**
2C x 1.5	0.8	0.3	1.8	11.8	185	1000	23	20
3C x 1.5	0.8	0.3	1.8	12.3	190	1000	21	17
4C x 1.5	0.8	0.3	1.8	13.2	225	1000	21	17
5C x 1.5	0.8	0.3	1.8	14.1	260	1000	16	14
6C x 1.5	0.8	0.3	1.8	15.1	295	1000	15	13
7C x 1.5	0.8	0.3	1.8	15.1	315	1000	14	13
10C x 1.5	0.8	0.3	1.8	18.4	425	1000	13	11
12C x 1.5	0.8	0.3	1.8	18.9	480	1000	12	10
14C x 1.5	0.8	0.3	1.8	19.8	535	1000	11	10
16C x 1.5	0.8	0.3	1.8	20.7	595	1000	11	9
19C x 1.5	0.8	0.3	2.0	22.5	720	1000	10	9
24C x 1.5	0.8	0.3	2.0	25.8	880	1000	9	8
27C x 1.5	0.8	0.3	2.0	26.3	960	1000	9	8
30C x 1.5	0.8	0.3	2.0	27.2	1040	1000	9	7
37C x 1.5	0.8	0.3	2.0	29.1	1230	1000	8	7
2C x 2.5	0.9	0.3	1.8	13.0	230	1000	32	27
3C x 2.5	0.9	0.3	1.8	13.6	240	1000	27	24
4C x 2.5	0.9	0.3	1.8	14.6	290	1000	27	24
5C x 2.5	0.9	0.3	1.8	15.7	335	1000	23	19
6C x 2.5	0.9	0.3	1.8	16.9	385	1000	21	18
7C x 2.5	0.9	0.3	1.8	16.9	420	1000	20	17

10C x 2.5	0.9	0.3	1.8	20.8	570	1000	18	15
12C x 2.5	0.9	0.3	2.0	22.2	690	1000	17	14
14C x 2.5	0.9	0.3	2.0	23.2	775	1000	16	13
16C x 2.5	0.9	0.3	2.0	24.3	860	1000	15	13
19C x 2.5	0.9	0.3	2.0	25.5	985	1000	14	12
24C x 2.5	0.9	0.3	2.0	29.4	1215	1000	13	11
27C x 2.5	0.9	0.3	2.0	30	1330	1000	12	10
30C x 2.5	0.9	0.3	2.0	31	1450	1000	12	10
37C 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

FRLS / General purpose PVC Outersheath