SHRIRAM TELELINK LIMITED

SINGLE CORE ALUMINUM/ COPPER XLPE ARMOURED & UNARMOURED CABLE

PRODUCT DETAILS

Single Core, Aluminum/ Copper Conductor, XLPE Insulated, Un-armoured / Armoured, PVC Outer Sheath Cable conforming to IS 7098 Part-1 with up to date amendment.

- Voltage Rating : 1100 Volts
- Temperature Rating : -40°C to +90°C
- UV Resistance
- RoHS Compliant

TECHNICAL SPECIFICATIONS

MATERIAL		REF. SPEC
Conductor	Aluminum/ Copper conductor	IS 8130
Insulation	XLPE	IS 7098 Part-1
Insulation Color	Natural or Red or Yellow. or Blue or Black	IS 7098 Part-1
Inner Sheath	Not Applicable	-
Outer Sheath	Extruded PVC Type ST-1, Extruded HR PVC Type ST-2	IS 5831
Special Properties (on request)	Flame Retardant Flame Retardant Low Smoke Flame Retardant Low Smoke Zero Halogen	

1 CORE ALUMINIUM/COPPER XLPE ARMOURED AND UNARMOURED CABLES IS:7098(P-1)-1988

No. Of Cores & Cross Sectional Area	Minimum Numbers Of Wires		ARMOURED				UNARMOURED			CURRENT RATINGS			
			Nominal Thickness of insulation	Nominal Diameter of Armour Wire	Minimum Thickness of Outer Sheath	Overall Diameter (approx)	Nominal Thickness of insulation	Nominal Thickness of Outer Sheath	Overall Diameter (approx)	In Ground		In Air	
	Copper	Aluminium	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	Copper	Aluminium	Copper	Aluminium
1C X 4	1	1					0.7	1.8	8.0	46	36	40	31
1C X 6	1	1					0.7	1.8	8.5	57	44	51	39
1C X 10	6	1	1.0	1.4	1.24	12.0	0.7	1.8	9.5	76	59	71	53
1C X 16	6	6	1.0	1.4	1.24	13.0	0.7	1.8	10.0	97	76	95	73
1C X 25	6	6	1.2	1.4	1.24	14.0	0.9	1.8	12.0	125	97	126	99
1C X 35	6	6	1.2	1.4	1.24	16.0	0.9	1.8	13.0	153	116	158	112
1C X 50	6	6	1.3	1.4	1.24	17.0	1.0	1.8	14.0	181	139	194	149
1C X 70	12	12	1.4	1.4	1.24	19.0	1.1	1.8	16.0	217	171	249	190
1C X 95	15	15	1.4	1.6	1.40	22.0	1.1	1.8	17.0	264	204	307	235
1C X 120	18	15	1.5	1.6	1.40	23.5	1.2	1.8	19.0	296	231	357	276
1C X 150	18	15	1.7	1.6	1.40	24.5	1.4	2.0	21.5	333	259	411	321
1C X 185	30	30	1.9	1.6	1.40	26.5	1.6	2.0	23.5	375	292	479	371
1C X 240	34	30	2.0	1.6	1.40	29.0	1.7	2.0	26.0	434	342	569	447
1C X 300	34	30	2.1	1.6	1.56	31.5	1.8	2.0	28.5	490	384	659	515
1C X 400	53	53	2.4	2.0	1.56	36.5	2.0	2.2	33.0	556	440	769	606
1C X 500	53	53	2.6	2.0	1.56	39.5	2.2	2.2	36.0	620	500	877	705
1C X 630	53	53	2.8	2.0	1.72	43.0	2.4	2.2	40.0	695	565	1013	823
1C X 800	53	53	3.1	2.0	1.88	49.5	2.6	2.4	46.0	758	629	1148	949
1C X 1000	53	53	3.3	2.5	2.04	58.0	2.8	2.6	52.0	834	704	1275	1076