

2.5 SQ MM SOLID COPPER CONDUCTOR XLPE INSULATED CONTROL CABLES IS:7098 (P-1)

PRODUCT DETAILS

2.5 sq mm, Copper Conductor, XLPE Insulated, Un-armoured / Armoured, PVC Outer Sheath control cable conforming to IS 1554 Part-1 with up to date amendment.

- Solid/Stranded annealed copper conductor & Tinned/Bare
- Single armouring of galvanised steel strip / wire
- FR/FRLS/HR/General Purpose PVC ST-1 or 2 inner sheath
- FR/FRLS/HR/General Purpose PVC ST-1 or 2 outer sheath



TECHNICAL SPECIFICATIONS

MATERIAL		REF. SPEC
Conductor	CU Conductor solid	IS 8130
Insulation	Crosslinked polyethylene (XLPE)	
Core colours	Up to 5 cores by colour coding & more than 5 cores number printing on core	IS 7098 (P-1)
Inner Sheath	PVC / PVC tape	IS 7098 (P-1)
Outer Sheath	PVC Type ST - 2	IS 5831
Cable Colour	Black (Options : Any other color as per requirement)	

2.5 SQ MM SOLID COPPER CONDUCTOR XLPE INSULATED ARMOURED AND UNARMOURED CONTROL CABLES IS:7098(P-1)-1988

No. Of Cores	Nominal Thickness of Insulation	Minimum Thickness of Inner Sheath	ARMOURED				UNARMOURED			CURRENT RATINGS	
			Nominal Diameter of Armour Wire/Strip	Minimum Thickness of Outer Sheath	Overall Diameter (approx)	Approx Net Wt of Cable	Nominal Thickness of Outer Sheath	Overall Diameter (approx)	Approx Net Wt of Cable	Direct In Ground	In Air
			(mm)	(mm)	(mm)	(Kg/Km)	(mm)	(mm)	(Kg/Km)	Copper	Copper
2	0.70	0.30	1.40	1.24	13.50	380.00	1.80	11.50	185.00	39	32
3	0.70	0.30	1.40	1.24	14.00	425.00	1.80	12.00	220.00	34	30
4	0.70	0.30	1.40	1.24	14.50	500.00	1.80	13.00	260.00	34	30
5	0.70	0.30	1.40	1.24	15.50	525.00	1.80	14.00	300.00	31	28
6	0.70	0.30	1.40	1.24	16.50	600.00	1.80	15.00	340.00	29	26
7	0.70	0.30	1.40	1.24	16.50	625.00	1.80	15.00	360.00	27	25
10	0.70	0.30	4 x 0.8	1.40	19.00	700.00	1.80	17.50	475.00	24	21
12	0.70	0.30	4 x 0.8	1.40	19.50	760.00	1.80	18.00	550.00	22	20
14	0.70	0.30	4 x 0.8	1.40	20.00	850.00	1.80	19.00	625.00	21	19
16	0.70	0.30	4 x 0.8	1.40	21.50	920.00	2.00	20.00	680.00	20	18
19	0.70	0.30	4 x 0.8	1.40	22.50	1025.00	2.00	21.50	770.00	19	17
24	0.70	0.30	4 x 0.8	1.40	25.50	1250.00	2.00	24.50	950.00	17	16
27	0.70	0.30	4 x 0.8	1.40	26.50	1350.00	2.00	25.50	1050.00	16	16
30	0.70	0.30	4 x 0.8	1.40	27.50	1550.00	2.00	26.00	1150.00	16	14
37	0.70	0.30	4 x 0.8	1.40	29.50	1710.00	2.00	28.00	1350.00	15	13