



NICCO CABLES PRIVATE LIMITED, SHYAMNAGAR
SAMPLE GTP FOR XLPE EARTH BONDING CABLE. (E-262C)

Sl. No.	Particulars	UoM	1x300 Sq.mm
1	Name of Manufacturer		NICCO CABLE PRIVATE LIMITED
2	Make of cable		NICCO
3	Voltage grade of cable		6.35/11 KVE
4	Type of cable		2XY
5	Applicable standard		Generally to IS : 7098(Pt.-2)/2011
6	No. of core		One
7	Conductor :		
	i) Material		Plain Annealed Copper wires, class 2 of IS : 8130
	ii) Max. D.C. resistance of each conductor at 20 °C	(Ohm/Km)	0.0601
	iii) Form of conductor		Stranded Compacted Circular with semiconducting Tape
8	Insulation :		
	i) Material		XLPE to IS : 7098(Pt.-2)/2011
	ii) Nom. Thickness	(mm)	3.6
	iii) Min. volume resistivity of insulation	(Ohm-cm)	1×10^{14} at 27 °C and 1×10^{12} at 90 °C
9	Outer sheath :		
	i) Material		Black FRLSH PE Type-ST 8 to IEC 60502-1 with Graphite Coating
	ii) Nom. Thickness	(mm)	2.2
10	Approx. O/D of cable	(mm)	34.0
11	Despatch length of cable	(Mtrs.)	500 +/- 5%
12	Min. bending radius		15 x O/D of cable
13	Max. operating temp. of the conductor		90 °C
14	Max. temp. of conductor during short circuit		250 °C
15	Short circuit rating of conductor for 1 Sec.	(KA)	42.9
	Progressive Sequential Length Marking		Shall be provided at regular interval of one meter.
16	Tests		Shall be carried out as per IS : 7098(Pt.-2)2011 as applicable.
17	Manufacturer's and cable identification		"NICCO 6.35/11 KV, 1x300 SQ MM ELECTRIC XLPE FRLSH EARTH BONDING CABLE - Year"

