

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

2 // 3 // 4 / 5 // 6 // 1 // 6 // 1 // 6 // 1 // 6	Particulars Name of Manufacturer Make of cable Voltage grade of cable Type of cable Applicable standard No. of core Conductor: i) Material ii) Max. D.C. resistance of each conductor at 20 OC Insulation:	UoM (Ohm/Km)	1x300 Sq.mm NICCO CABLE PRIVATE LIMITED NICCO 6.35/11 KVE 2XY Generally to IS: 7098(Pt2)/2011 One Plain Annealed Copper wires, class 2 of IS: 8130 0.0601
1 I 2 N 3 N 4 7 7 1 1 1 1 1 1 1 1	Make of cable Voltage grade of cable Type of cable Applicable standard No. of core Conductor: i) Material ii) Max. D.C. resistance of each conductor at 20 occupance of conductor Insulation:	(Ohm/Km)	NICCO CABLE PRIVATE LIMITED NICCO 6.35/11 KVE 2XY Generally to IS: 7098(Pt2)/2011 One Plain Annealed Copper wires, class 2 of IS: 8130
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4 5 7 6 1 7 6 ii i	Type of cable Applicable standard No. of core Conductor: i) Material ii) Max. D.C. resistance of each conductor at 20 Conductor: iii) Form of conductor Insulation:	(Ohm/Km)	2XY Generally to IS: 7098(Pt2)/2011 One Plain Annealed Copper wires, class 2 of IS: 8130
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6 1 7 (i 1 1 1 1 1 1 1 1 1	No. of core Conductor: i) Material ii) Max. D.C. resistance of each conductor at 20 ⁰ C iii) Form of conductor Insulation:	(Ohm/Km)	One Plain Annealed Copper wires, class 2 of IS: 8130
7 (i i i i i i i i i i i i i i i i i i i	Conductor: i) Material ii) Max. D.C. resistance of each conductor at 20 iii) Form of conductor Insulation:	(Ohm/Km)	Plain Annealed Copper wires, class 2 of IS: 8130
i i i 8 I i i i i i i i i i i i i i i i	i) Material ii) Max. D.C. resistance of each conductor at 20 °C iii) Form of conductor Insulation:	(Ohm/Km)	
8 II 8 Ii 11 9 (i	ii) Max. D.C. resistance of each conductor at 20 ⁰ C iii) Form of conductor Insulation :	(Ohm/Km)	
8 I i i 9 (iii) Form of conductor Insulation :	(Ohm/Km)	0.0601
8 i i i i i i i i i i i i i i i i i i	Insulation :		0.0001
9 (i			S tranded Compacted Circular with semiconducting Tape
9 (i			
9 (i) Material		XLPE to IS: 7098(Pt-2)/2011
9 (i	ii) Nom. Thickness	(mm)	3.6
i	iii) Min. volume resistivity of insulation	(Ohm-cm)	1 x 10^{14} at 27 $^{\circ}$ C and 1 x 10^{-12} at 90 $^{\circ}$ C
i	Outer sheath :		
i	i) Material		Black FRLSH PE Type-ST 8 to IEC 60502-1
			with Graphite Coating
10	ii) Nom. Thickness	(mm)	2.2
	Approx. O/D of cable	(mm)	34.0
	Despatch length of cable	(Mtrs.)	500 +/- 5%
12	Min. bending radius		15 x O/D of cable
13 N	Max. operating temp. of the conductor		90°C
14 N	Max. temp. of conductor during short circuit	5	250 °C
15 5	Short circuit rating of conductor for 1 Sec.	(KA)	42.9
1	Progressive Sequential Length Marking		Shall be provided at regular interval of one meter.
16	Tests		Shall be carried out as per IS: 7098(Pt2)2011 as applicable.
17 N	Manufacturer's and cable identification		"NICCO 6.35/11 KV, 1x300 SQ MM ELECTRIC XLPE FRLSH EARTH BONDING CABLE - Year"

