

GUARANTEED TECHNICAL PARTICULARS FOR LT ARMORED XLPE CABLE SIZE 4X10

Sl. No.	Particulars	Offered by the firm
		4X10 SQ MM
	Name of Manufacturers with complete address	
1.	Type & shape of cable.	
2.	<u>Conductor:</u>	
(a)	Size of wire in mm	
(b)	Shape of conductor	
(c)	Stranding details	
(d)	Maximum D.C. resistance per core of cable at 20 °C Ohm/Km.	
(e)	Grade of aluminium conductor	
(f)	Standard specification to which the conductor conforms.	
(g)	Minimum Guaranteed Weight/kg Kms.	
3.	Number of cores.	
4.	<u>Insulation:</u>	
(a)	Type of insulation	
(b)	Average radial thickness of insulation in mm (ti) (Nominal Value)	
(c)	Tolerance on thickness of insulation in mm. (0.1 + 0.1 ti)	
(d)	Minimum Thickness of Insulation.	
(e)	Standard Specification to which the insulation conforms.	
5.	<u>Detail of Sheathing:</u>	
(a)	Type of sheath	
(b)	Thickness of sheath in mm (ts) (Min)	
(c)	Tolerance on thickness of sheath in mm. (0.2 + 0.2 ts)	
(d)	Minimum thickness of Sheathing.	
(e)	Standard specification to which the sheathing conforms.	
6.	<u>Armouring :-</u>	
(a)	Type of Armouring	
(b)	Material & Composition	
(c)	Nominal Thickness of steel strip/armoring	
7.	Minimum Guaranteed weight of cable in Kg/1000 mts. With out minus tolerance	
8.	Approximate overall diameter of cable (mm)	
9.	Name of manufacturer of bought of raw material	
(a)	Aluminium	
(b)	XLPE	
(c)	PVC	
10.	Standard specification to which the cable shall conform.	
11.	Standard coil length of cable in meters to be supplied.	
12.	Minimum volume resistivity in Ohm cm. At 27°C At 70°C	
13.	Details of tests (type tests, routine tests, acceptance tests and optional tests)	
14.	Embossing	Property of PVVNL Name of manufacturer, Voltage grade & size. Year of manufacture. Specification No. Length in metering.
15.	Type of packing of coil	
16.	Details of packing	
17.	Whether cable ISI marked	