

Technical specifications for HY2851594249 - 1Cx630 11KV(UE) FRLS

	Technical data		Vendor to confirm / mention technical details wherever applicable
S.No	Description	1Cx630	
1	Make		
2	Type		
3	Applicable standard	IS 7098 with latest amendment	
4	Voltage grade		
5	Suitable for system with		
	a) Service voltage	11KV	
	b) Neutral earthed/unearthed	11KV(UE)	
6	Maximum conductor temp		
	a)Continuous degree C		
	b)Short time degree C		
7	CONDUCTOR		
	a) Material	Aluminium	
	b) Size (sq.mm) Nominal		
	c)No.of wires & diameter of each wire (No/mm)		
8	INSULATION		
	a)Material	XLPE	
	b)Type		
	c)Thickness (Nominal) (mm)		
9	INNER SHEATH	Extruded PVC	
	a)Material		
	b)type		
	c)Thickness (Nominal) (mm)		
	d)Approx.overall dia over inner sheath(mm)		
10	ARMOURING		
	a)Material	Aluminum wire	
	b)Size (Nominal) No.of wires/stripXDia(mm)		
	c)Dia over armour (mm)		
11	Overall sheath		
	a)Material	FRLS PVC extruded	
	b)Type		
	c)Thickness (Nominal) (mm)		
12	Overall Diameter		
13	Standard drum length with tolerance (Meters)		+ or - 5%
14	Net weight of the cable(KG/KM)		
15	Continuous current rating for standard IS (Condition laid direct		
	a) in ground		
	b) In duct		
	c) In air		
16	Short circuit current of conductor for one second duration (KA)		
17	Electrical parameters at maximum operating temperature (Ohm/Km)		
	a) Resistance (AC)		
	b) Reactance at 50Hz		
	c) Capacitance (micro farad/Km)		
18	Minimum bending radius		
19	Pre Despatch inspection (PDI) at supplier works is applicable. Vendor has to call for PDI once the material ready for despatch.		