RKCT LABORATOY PVT. LTD. JABALPUR
PRICE LIST OF ELECTRICAL DIVISION

S. No.	Description of Material	Specific Test Performed	Clouse	IS Code	Test Charges
1	**POLYVINYLCLORIDE INSULATED UNSHEATHED AND SHEATHED CABLE CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGE UPTO AND INCLUDING 1100 V**	Annealing test (for copper before Stranding)	7.1.2.1,7.2.3	IS 694 IS 8130 IS 10810 P-1	**650/-**
		Tensile Strength (for Al before Stranding)	7.2.1	IS 694 IS 8130 IS 10810 P-2	**650/-**
		Wrapping Test (for Al)	7.2.2	IS 694 IS 8130 IS 10810 P-3	**550/-**
		Conductor Resistance Test	7.3	IS 694 IS 8130 IS 10810 P-5	**650/-**
		Overall Dimension and Thickness of Insulation and Sheath	Section 2 and 3	IS 694 IS 10810 P-6	**650/-**
		Tensile Strength and Elongation and Break of Insulation or Sheath	Table 1 and 2	IS 5831 IS 10810 P-7	**1000/-**
		Shrinkage Test	Table 1 and 2	IS 5831 IS 10810 P-12	**500/-**
		Heat Shock Test	Table 1 and 2	IS 5831 IS 10810 P-14	**500/-**
		Thermal Stability Test	Table 1 and 2	IS 5831 IS 10810 P-60	**750/-**
		Flammability Test	10.4	IS 694 IS 10810 P-53	**550/-**
2	**PVC INSULATED (HEAVY DUTY) ELECTRIC CABLES FOR WORKING VOLTAGE UPTO AND INCLUDING 1100 V**	Annealing test (for copper before Stranding)	15.2 (a) of 7.1.2 of	IS 1554-1 IS 8130 IS 10810 P-1	**650/-**
		Tensile Strength (for Al before Stranding)	15.2 (b) of 7.2.1 of	IS 1554-1 IS 8130 IS 10810 P-2	**750/-**
		Wrapping Test (for Al)	15.2 (c) of 7.2.2 of	IS 1554-1 IS 8130 IS 10810 P-3	**550/-**
		Conductor Resistance Test	15.3 (a) of 7.3 ,Table 1 & 2 of	IS 1554-1 IS 8130 IS 10810 P-5	**650/-**
		Test for Armoring Wire Strips	15.1 (b) of 6,13 ,Table 5 of	IS 1554-1 IS 8130 IS 10810 P-36	**750/-**
		Overall Dimension and Thickness of Insulation and Sheath	15.2 (e) ,9,12,14,Table 2,4,7 of	IS 1554-1 IS 10810 P- 6	**550/-**
		Tensile Strength and Elongation	15.2 (f) of	IS 1554-1	**1000/-**

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		and Break of Insulation or Sheath	Table 1 & 2,of	IS 5831 IS 10810 P-7	
		Shrinkage Test	15.1 (d) of Table 1 & 2,of	IS 1554-1 IS 5831 IS 10810 P-12	**500/-**
		Heat Shock Test	15.1 (d) of Table 1 & 2,of	IS 1554-1 IS 5831 IS 10810 P-14	**500/-**
		Flammability Test	15.1 (h) of 16.4 of	IS 1554-1 IS 5831 IS 10810 P-53	**550/-**
		Thermal Stability Test	15.1 (d) of Table 1 & 2,of	IS 1554-1 IS 5831 IS 10810 P-60	**800/-**
3	**POLYETHYLENE INSULATED PVC SHEATHED CABLE FOR WORKING VOLTAGE UPTO AND INCLUDING 1100 V**	Annealing test (for copper before Stranding)	15.2 (a) of 7.1.2 of	IS 1554-1 IS 8130 IS 10810 P-1	**650/-**
		Tensile Strength (for Al before Stranding)	15.2 (b) of 7.2.1 of	IS 1554-1 IS 8130 IS 10810 P-2	**1000/-**
		Wrapping Test (for Al)	15.2 (c) of 7.2.2 of	IS 1554-1 IS 8130 IS 10810 P-3	**550/-**
		Conductor Resistance Test	15.3 (a) of 7.3 ,Table 1 & 2 of	IS 1554-1 IS 8130 IS 10810 P-5	**650/-**
		Test for Armoring Wire Strips	15.1 (b) of 6,13 ,Table 5 of	IS 1554-1 IS 8130 IS 10810 P-36	**900/-**
		Thickness of Insulation and Sheath	15.2 (e) ,9,12,14,Table 2,4,7 of	IS 1554-1 IS 10810 P- 6	**650/-**
		Tensile Strength and Elongation and Break of Insulation or Sheath	15.2 (f) of Table 1 & 2,of	IS 1554-1 IS 5831 IS 10810 P-7	**1000/-**
		Shrinkage Test	15.1 (d) of Table 1 & 2,of	IS 1554-1 IS 5831 IS 10810 P-12	**500/-**
		Heat Shock Test	15.1 (d) of Table 1 & 2,of	IS 1554-1 IS 5831 IS 10810 P-14	**500/-**
		Flammability Test	15.1 (h) of 16.4 of	IS 1554-1 IS 5831 IS 10810 P-53	**550/-**
		Thermal Stability Test	15.1 (d) of Table 1 & 2,of	IS 1554-1 IS 5831 IS 10810 P-60	**800/-**
4	**CROSSLINKED POLYETHELENE INSULATED PVC SHEATHED CABLES FOR WORKING VOLTAGE UPTO AND INCLUDING 1100 V**	Annealing test (for copper before Stranding)	15.1 (a) I of 7.1.2 of	IS 7098-1 IS 8130 IS 10810 P-1	**650/-**
		Tensile Strength (for Al before Stranding)	15.1 (a) II of 7.2.1 of	IS 7098-1 IS 8130 IS 10810 P-2	**1000/-**
		Wrapping Test (for Al)	15.2 (a) III of 7.2.2 of	IS 7098-1 IS 8130 IS 10810 P-3	**550/-**

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		Conductor Resistance Test	15.3 (a) IV of 7.3 ,Table 1 & 2 of	IS 7098-1 IS 8130 IS 10810 P-5	**650/-**
		Test for Armoring Wire Strips	15.1 (b) of 13.3,13.6	IS 7098-1 IS 8130 IS 10810 P-36	**1000/-**
		Test for Thickness of Insulation and Sheath	15.1.1 Section 4,9,12,14 Table 2,4,6	IS 7908-1 IS 10810 P- 6	**550/-**
		Tensile Strength and Elongation and Break of Insulation or Sheath	15.2 (f) of Table 1 of	IS 7908-1 IS 10810 P-7	**1000/-**
		Hot Set Test	15.1.1 Section 4 Table 1 of	IS 7908-1 IS 10810 P-30	**650/-**
		Water Absorption (Gravimetric)	15.1.1 Section 4 Table 1 of	IS 7908-1 IS 10810 P-33	**700/-**
		Shrinkage Test	15.1.1 Section 4 Table 1 of	IS 7908-1 IS 10810 P-12	**500/-**
		Heat Shock Test	15.1.1 Section 4 Table 1 of	IS 7908-1 IS 5831 IS 10810 P-14	**500/-**
		Flammability Test	15.1.1 Section 4, 16.2 of	IS 7908-1 IS 10810 P-53	**550/-**
		Thermal Stability Test	15.1.1 Section 4 of	IS 7908-1 IS 5831 IS 10810 P-60	**800/-**
5	**AERIAL BUNCHED CABLES FOR WORKING VOLTAGE UPTO AND INCLUDING 1100 V**	Tensile Strength (for Al Before Stranding)	10.1 (a) I of 7.1.2 of	IS 14255 IS 8130 IS 10810 P-2	**1000/-**
		Wrapping Test (For Al)	10.1 (a) II of 7.2.2 of	IS 14255 IS 8130 IS 10810 P-3	**550/-**
		Conductor Resistance	10.1 (a) III of 7.3,Table 2	IS 14255 IS 8130 IS 10810 P-5	**650/-**
		Breaking Load	10.1 (b) I ,Table 3 of	IS 14255 IS 10810 P-2	**700/-**
		Elongation Test	10.1 (b) II,11.3 of	IS 14255 IS 10810 P-2	**700/-**
		Resistance Test	10.1 (b) III ,Table 3 of	IS 14255 IS 10810 P-5	**650/-**
		Tensile Strength and Elongation and Break	10.1 (c) I ,5.1 ,Table 1 of	IS 14255 IS 10810 P-7	**1000/-**
		Hot Set Test	10.1 (c) III,5.1 ,Table 1 of	IS 14255 IS 10810 P-30	**700/-**
		Shrinkage Test	10.1 (c) IV 5.1 Table 1 of	IS 14255 IS 10810 P-12	**500/-**
		Water Absorption Test (Gravimetric)	10.1 (c) V 5.1 Table 1	IS 14255 IS 10810 P-33	**700/-**

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			of		
		Thickness of Insulation	7,Table 4 of	IS 14255 IS 10810 P-6	**650/-**
6	**ALUMINIUM CONDUCTOR FOR OVERHEAD TRANSMISSION PURPOSES** (ALUMINIUM STRANDED CONDUCTOR)	Measurement of Diameter of Individual Strands	12.2	IS 398 P-1	**650/-** **(For 7 Strands)**
		Breaking Load Test & Calculating Breaking Load	12.3	IS 398 P-1	**700/-** **(For 7 Strands**
		Wrapping Test	12.4	IS 398 P-1	**650/-** **(For 7 Strands**
		Conductor Resistance	12.5	IS 398 P-1	**650/-** **(For 7 Strands**
		Calculated Conductor Resistance	12.5	IS 398 P-1	**650/-** **(For 7 Strands**
		Measurement of lay Ratio	12.6	IS 398 P-1	**500/-** **(For 7 Strands**
		Mass of Stranded Conductor	A2.2	IS 398 P-1	**400/-** **(For 7 Strands**
7	**ALUMINIUM CONDUCTOR FOR OVERHEAD TRANSMISSION PURPOSES** (ALUMINIUM CONDUCTOR GALVANIZED STEEL RAINFORCED)	Measurement of Diameter of Individual Strands	13.2	IS 398 P-2	**650/-** **(For 7 Strands)**
		Breaking Load Test	13.3.1	IS 398 P-2	**700/-** **(For 7 Strands**
		Wrapping Test	13.5	IS 398 P-2	**650/-** **(For 7 Strands**
		Conductor Resistance	13.6	IS 398 P-2	**650/-** **(For 7 Strands**
		Measurement of lay Ratio	13.8	IS 398 P-2	**500/-** **(For 7 Strands**
8	**ALUMINIUM CONDUCTOR FOR OVERHEAD TRANSMISSION PURPOSES** (ALUMINIUM CONDUCTOR ALUMINIZED STEEL RAINFORCED)	Measurement of Diameter of Individual Strands	7	IS 398 P-3	**650/-** **(For 7 Strands)**
		Breaking Load Test	12.2	IS 398 P-3	**700/-** **(For 7 Strands**
		Elongation Test	12.3.2	IS 398 P-3	**700/-** **(For 7 Strands**
		Wrapping Test	12.4	IS 398 P-3	**650/-** **(For 7 Strands**
		Conductor Resistance	12.5	IS 398 P-3	**650/-** **(For 7 Strands**
		Measurement of lay Ratio	2.4	IS 398 P-3	**500/-** **(For 7 Strands**
9	**ALUMINIUM CONDUCTOR FOR OVERHEAD TRANSMISSION PURPOSES** (ALUMINIUM ALLOYS STRANDED CONDUCTOR)	Measurement of Diameter of Individual Strands	7	IS 398 P-4	**650/-** **(For 7 Strands)**
		Breaking Load Test	12.2	IS 398 P-4	**700/-** **(For 7 Strands**
		Calculated Breaking Load	12.2	IS 398 P-4	**700/-** **(For 7 Strands**
		Elongation Test	12.3.2	IS 398 P-4	**700/-** **(For 7 Strands**
		Conductor Resistance	12.5	IS 398 P-4	**650/-** **(For 7 Strands**
		Calculated Conductor Resistance	12.5	IS 398 P-4	**700/-** **(For 7 Strands**