

## All Aluminum Conductors

### **Description :**

Hard drawn concentric lay stranded Aluminium conductor .

### **Applicable standards :**

DIN 48201

### **Conductors :**

Hard bare solid aluminium .

### **Applications :**

- For overhead distripution lines having limited spans,and busbars of substations

## All Aluminum Conductors

Nominal cross sectional area	Number and nominal diameters of wires	Max. DC. Resistance at 20° C	Calculated breaking load	Apprx. Overall diameter	Approx. weight
mm <sup>2</sup>	No x Ø (mm)	Ω / Km	Km	mm	Kg/Km
		A - According to DIN 48201			
16	7 x 1.70	1.8017	2.8	5.1	44
25	7 x 2.10	1.1807	4.12	6.3	69
35	7 x 2.50	0.8331	5.71	7.5	96
50	7 x 3.00	0.5786	7.86	9	138
50	19 x 1.80	0.5949	8.6	9	133
70	19 x 2.10	0.4371	11.4	10.5	193
95	19 x 2.50	0.3084	15.6	12.5	262
120	19 x 2.80	0.2459	18.37	14	330
150	37 x 2.25	0.196	25.1	15.7	413
185	37 x 2.50	0.1587	30.31	17.5	509
240	61 x 2.25	0.1191	39.25	20.2	661
300	61 x 2.50	0.09649	47.15	22.5	826