

## Aerial Bunch Cables (ABC)

Aerial Bunch Cables (ABC) is a new concept for over head power distribution. It gives superior level of dependability and safety, decreases power losses and ultimate system economy by dropping installation, maintenance and operative cost. The range of ABC cables is extensively used in LT Distribution Lines to avoid theft of electricity. All these ABC cables are perfect for replacing of bare line in rural areas, in woods and in other localities, where the space is restricted. Also these cables ensure high degree of stability of supply voltage and better conductivity.



Phase Conductor (Aluminum)			Street Lighting Conductor (Aluminum)			Messenger Conductor (Aluminum Alloy)		
Nominal Area	Conductor D.C Resistance at 20 0C	Nominal Thickness of Insulation	Nominal Area	Conductor D.C Resistance at 20 0C	Nominal Thickness of Insulation	Nominal Area	Maximum D.C Resistance at 20 0C	Minimum Breaking Load
Sq.mm	Ohm/km	mm	Sq.mm	Ohm/km	mm	Sq.mm	Ohm/km	kN
16	1.910	1.20	16	1.910	1.2	25	1.380	7.00
25	1.200	1.20	16	1.910	1.2	25	1.380	7.00
35	0.868	1.20	16	1.910	1.2	25	1.380	7.00
50	0.641	1.50	16	1.910	1.2	35	0.986	9.80
70	0.443	1.50	16	1.910	1.2	50	0.689	14.00
95	0.320	1.50	16	1.910	1.2	70	0.492	19.70