

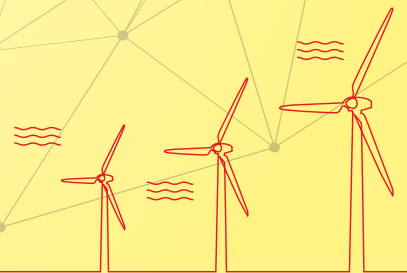


ADVANCE CABLE
TECHNOLOGIES (P) LTD

EMPOWERING CONNECTIVITY



www.advancecable.in



RENEWABLE ENERGY -

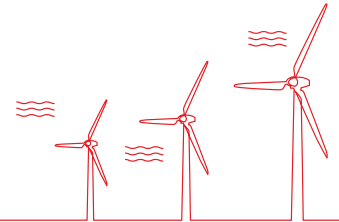
CABLES FOR WIND AND SOLAR ENERGY



Rapid urbanization and globalization has given rise to an increased demand for energy. The fast pace of depletion of conventional sources of energy have influenced us to find newer and sustainable solutions to meet this increase in demand. In such a scenario, renewable energy sources like wind and solar energy are the need of the hour.

In the recent years, there has been an increase in the number of solar power generation plants, Wind Turbines, in India and across the world, which has in-turn created a higher demand for wires and cables. In response to this increase in demand, Advance cable Technologies Pvt Ltd is helping the renewable energy industry.

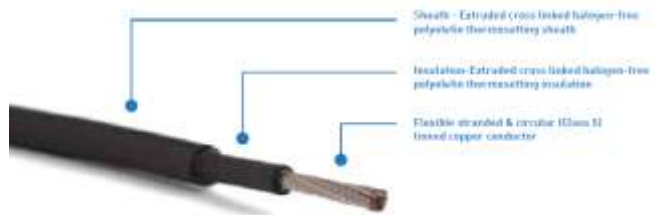
With a sharp focus on technology and innovation, the Company aims at becoming one of the key environment friendly technology companies of the country.



OUR PRODUCTS FOR RENEWABLE ENERGY INDUSTRY - SOLAR



- Annealed tinned copper conductor-Class 5
- Cross linked insulated halogen-free polyolefin compound
- Cross linked halogen free polyolefin sheath compound

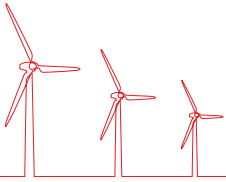


- Sheath - Extruded cross linked halogen-free polyolefin thermosetting sheath
- Insulation - Extruded cross linked halogen-free polyolefin thermosetting insulation
- Flexible stranded & circular (Class II) tinned copper conductor

Required Features of Solar Cable

Cable Size	Thickness of insulation	Thickness of sheath	Approx. overall diameter	Approx. weight of cable	Max. conductor D.C resistance at 20°C	Current rating under continuous operation 90°C & ambient temperature at 40°C
sqmm	mm	mm	mm	Kg/km	Ohm/km	Amp
1.5	0.60	0.80	4.60	35	13.70	22
2.5	0.60	0.80	4.90	45	8.21	30
4	0.60	0.80	5.40	60	5.09	42
6	0.60	0.80	5.90	80	3.39	52
10	0.70	0.80	7.10	120	1.95	76
16	0.70	0.80	8.60	180	1.24	95
25	0.80	0.90	10.30	275	0.80	125
35	0.80	0.90	11.70	370	0.57	159
50	0.90	1.00	13.70	515	0.39	185
70	1.00	1.10	16.00	710	0.28	239
95	1.00	1.10	17.70	930	0.21	290
120	1.20	1.30	20.20	1190	0.16	335
150	1.30	1.40	22.20	1470	0.13	385
185	1.40	1.50	24.60	1800	0.11	440
240	1.50	1.60	27.70	2310	0.08	520

Solar Cables:
1.5mm² to 240mm²



OUR PRODUCTS FOR RENEWABLE ENERGY INDUSTRY - WIND



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MANUFACTURING FACILITIES

Unit - 1

Plot No. 10 & 14,
KIADB Industrial Area,
Bashettihalli,
Doddaballapur Industrial Area,
Bangalore - 561203

Unit - 2

Plot No. 20 P2, SY No. 79(P)
Veerapura Village,
Doddaballapur Industrial Area,
Bangalore - 561203

Unit - 3

SW 32 & 33 (P1), A - P II Phase,
Kasaba Hobli
Doddaballapur Industrial Area,
Bangalore - 561203