

LUMICON®

Wires and Cables

— A Brand of Lumino Industries —

SOLAR CABLE

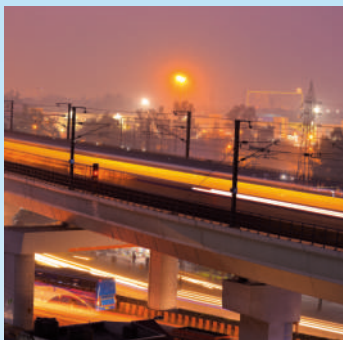
Suitable For Commercial & Industrial Solar Projects



#RakheGharHumsha **LUMICON**

ABOUT US

Lumino Industries Limited, established in 1989, is one of India's leading holistic infrastructure companies which is broadly structured into various business verticals. Powered by confidence and superior quality products, rich technical know-how and scalable production capacities, Lumino brings forth its new venture - Lumicon house wiring and PVC tapes. Lumino's work domain can be classified into 6 broad verticals -



Power EPC

Transmission & Distribution



Manufacturing

Conductors & Cables



Power EPC

Reconductoring with HTLS



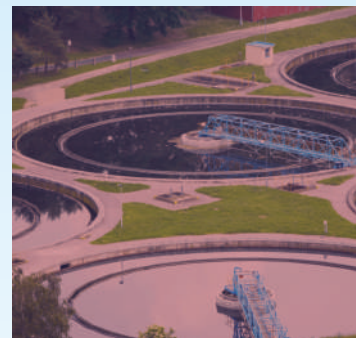
Railway EPC

Railway Electrification



Solar EPC

Solar Projects



Water EPC

Water Management

{ Lumicon is approved in
Uttar Pradesh PWD &
Military Engineering Services (MES) }

SOLAR CABLES



WIRE CONFIGURATION

No. of Strands/ Nom. Dia. of Strand (mm)	Length in mtr.	Nom. area of Cond. mm ²
56 / 0.3	100/ 500 Mtrs.	4
84 / 0.3	100/ 500 Mtrs.	6
140 / 0.3	100/ 500 Mtrs.	10

DIMENSIONAL CHARACTERISTICS (XLPO)

1	2	3	4	5
Sl. No.	Single Core Cross sectional Area	Nominal insulation thickness	Nominal Sheath thickness Approx	Overall Diameter Max.
	mm ²	mm	mm	mm
3	1C X 4	0.7	0.8	6.6
4	1C X 6	0.7	0.8	7.4
5	1C X 10	0.7	0.8	8.8
6	1C X 16	0.7	0.9	10.1

CURRENT RATINGS

Nominal Cross Sectional Area	Current Carrying Capacity according to method of installation		
	Single Cable Free in air	Single Cable on a surface	Two loaded cables touching, on a surface
mm ²	A	A	A
4	55	52	44
6	70	67	57
10	98	93	79
16	132	125	107
25	176	167	142

*Current Ratings are based on EN 50618 at Max. Conductor Temperature 120°C and Ambient Air temperature 60°C.

Features

- Halogen Free
- Flame Retardant
- Long Life
- Flexibility
- UV, Ozone Resistant
- Hydrolysis Resistant
- High Temperature Resistant

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Lumino Industries Ltd.

ISO 9001:2015 Certified Company



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