



INNOVCABLE SUN CABLE INNOVLON/INNOVPUR LSZH UV



- Conductor material: bare or tinned copper wire.
- Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Vein insulation: INNOVLON special compound in white or red
- Outer layer: INNOVPUR special compound.
- Manufactured in RAL 9005 black, or other colour upon customer's request.
- Nominal Voltage: AC: 0.6/1 Kv, DC: 0.9/1.5 Kv.
- Voltage test: 4.000 V.
- Conductor resistance: according to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Insulation resistance: min. 20 MΩ x Km.
- min. bending radius fixed use: up to 12mm = 4 x d, > 12 mm = 4 x

Identification

External identification marking:

INNOVCABLE SUN CABLE INNOVLON/INNOVPUR LSZH UV 0.6/1Kv XX mm²OF: XXXX/YEAR

Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

DIN 0482-332-2



DIN EN 60332-1

Applications

Cable for photovoltaic systems and applications requiring high sun exposure, weather resistant and with UV protection. For fixed and flexible. Can be applied in dry and wet locations. For direct application to the weather. High resistance to the effects of solar radiation and weathering in general.

- Very good flexibility.
- Resistant to UV rays, hydrolysis, water and ozone.
- Halogen free.
- Excellent resistance to abrasion.
- Flame retardant.

Maximum Conductor Temperature

- Cable operating temperature:
Fixed: min-40° C / +90 ° C
Mobile: min-40° C / +120° C
- Short circuit temperature: 250°C

Notes

- We can produce on request, several other cable options and configurations. Innovcable reserves the right to change this catalogue without prior notice.



DADOS DIMENSIONAIS

Dimensional n x mm ²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
1 X 1,5	5,1	14,4	38,0
1 X 2,5	5,7	24,0	50,0
1 X 4	6,7	38,4	68,0
1 X 6	7,6	57,6	91,0
1 X 10	9,6	96,0	145,0
1 X 16	11,0	154,0	204,0
1 X 25	13,1	240,0	304,0
1 X 35	14,1	336,0	401,0
1 X 50	17,4	480,0	557,0

Dimensional n x mm ²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
1 X 120	24,3	1.152,0	1.233,0
1 X 150	26,6	1.152,0	1.233,0

