



Li2XY RV-K

Marking: <meter> CE 0987 SPECIALCAVI BALDASSARI Li2XY RV-K <formation> mm2 0.6/1kV <lot> <year> DCA-S3,D2,A3



MANUFACTURING CHARACTERISTICS

Conductor:

Flexible bare copper, class 5

Insulation:

XLPE compound

Stranding:

Cores twisted/stranded in concentric layers

Outer sheath:

UV resistant, PVC compound flame retardant

Colours:**Cores identification:**Section 1.50 mm²: CEI UNEL 00722 (HD 308 S2)Section 0.50 mm²: Black, with progressive number**Outer sheath colour:**

Black (basad on RAL 9005)

ELECTRICAL CHARACTERISTICS

Operating voltage: 0.6/1 kV**Outer sheath operating voltage:** 0.6/1 kV**Testing voltage:** 4000V

APPLICATIONS

Cable conforms to the requirements in the Construction Products Regulations (CPR EU 305/11), aimed at limiting the production and diffusion of fire and smoke.

Multi-core cable for power and signalling in solar and photovoltaic systems.

This cable has an excellent resistance to UV rays and weather conditions.

Direct or indirect underground and outside laying is permitted. Presence of water: condition AD7.

STANDARDS

CEI 20-29 IEC 60228

CEI EN 60332-1-2 IEC 60332-1-2

REACTION TO FIRE CLASS

EN 50575:2016 D_{ca} - s3, d2, a3

TEMPERATURES

Minimum working temperature: -25°C**Maximum working temperature:** +90°C**Maximum short circuit temperature:** +250°C

LAYING CONDITIONS



Minimum installation temperature -5°C



Min. bending radius d/10

Max tensile stress: 50 N/mm² of the copper cross-section

Fixed laying



In open air



In duct or cable tray



In buried trough



Buried with protection



In buried duct



Directly buried



Outside

ON REQUEST

- Galvanized steel braid armour
- Galvanized wire armour
- LSZH outer sheath
- Customized cores identification

PART NUMBER	FORMATION	OUTER DIAMETER ¹	WEIGHT ¹	MAX. ELECTRICAL RESISTANCE AT 20°C
[n°]	[n° x mm ²]	[mm]	[kg/km]	[Ohm/km]
LI2XY1500405003	4G 1.50 + 3 X 0.50	12.1	210	1.50 mm ² = 13.3 0.50 mm ² = 39.0

¹ Unless otherwise specified, the values for weight and diameter are indicative.
Note: other values, if available and released for publication, are available on request.