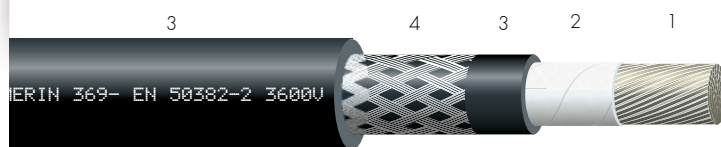


# SILICABLE® RW

## EN 50382-2 3600V FXZ 120 °C

### Unsheathed cable

HIGH TEMPERATURE POWERCABLES  
EN 50382-2

- 1 • Extra-flexible tin-plated copper core - class 6 - EN 60228.
- 2 • Separating tape (optional).
- 3 • Silicone rubber with high mechanical properties - type EI 111 as per EN 50382-1.
- 4 • Synthetic reinforcing braid within the insulation.

### Characteristics

#### Thermal

Continuous operating temperature:  
-40 °C to +120 °C.

#### Electrical

Operating voltage: 3.6 / 6 kV.  
Test voltage: 11 kV A.C.

#### Mechanical

Cut-through resistance: ★★★★★  
Resistance to alternate bending: ★★★★★☆  
Resistance to abrasion: ★★★★★☆  
Minimum static internal bending radius  
(EN 50355): 3xD.

#### Chemical

Acid and base resistance: ★★★★★☆  
Mineral oil resistance: ★★★★★☆

#### Fire-smoke

Halogen-free (EN 60754-1).  
Low toxicity (EN 60754-2).  
Low smoke (EN 61034-2).  
Flame retardant (EN 60332-1-2, EN 60332-3-24).  
Fire-smoke protection (EN 45545-2, NFPA 130).

### Options

Other cross-sections on request.

### Standards and approvals

- EN 60228, EN 50382-1, EN 50382-2.
- EN 60754-1, EN 60754-2.
- EN 60332-1-2, EN 60332-3-24, EN 61034-2.

### Marking

OMERIN 369- EN 50382-2 3600V 1x < cross-section > FXZ 120 °C - batch number - week/year

Item code	Nominal cross-section (mm <sup>2</sup> )	Nominal stranding	Total wall thickness (mm)	Cable outer diameter (mm)		Maximum linear resistance at 20 °C (Ω/km)	Approx. linear weight (kg/km)
				Mini	Maxi		
B2015001	50	703 x 0.30	3.0	15.2	18.6	0.393	610
B2015004	70	999 x 0.30	3.0	16.9	20.6	0.277	820
B2015002	95	1332 x 0.30	3.0	18.3	22.2	0.210	1060
B2015005	120	1739 x 0.30	3.1	20.1	24.3	0.164	1310
B2015006	150	2146 x 0.30	3.1	21.6	26.1	0.132	1610
B2015003	185	2590 x 0.30	3.2	23.4	28.2	0.108	1960

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**omerin**  
LES CABLES DE L'EXTREME

The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force.  
For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.  
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