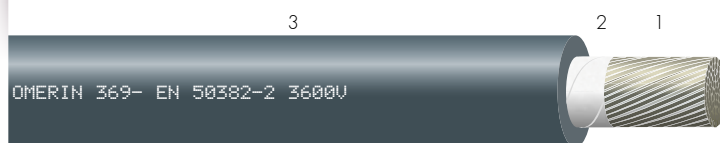


# SILICABLE® RW

## EN 50382-2 3600V F 120 °C

### Unsheathed cable



- 1 • Flexible tin-plated copper core - class 5 - EN 60228.
- 2 • Separating tape (optional).
- 3 • Silicone rubber with high mechanical properties - type EI 111 as per EN 50382-1.

### Characteristics

#### Thermal

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

#### Electrical

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

#### Mechanical

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

Cable with synthetic reinforcing braid.

Ref: SILICABLE® RW EN 50382-2 3600V FZ 120 °C.

### 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 > F 120 °C - batch number - week/year

Item code	Nominal cross-section (mm <sup>2</sup> )	Nominal stranding	Nominal wall thickness (mm)	Cable outer diameter (mm)		Maximum linear resistance at 20 °C (Ω/km)	Approx. linear weight (kg/km)
				Mini	Maxi		
A0819001	2.5	50 x 0.25	3	7.6	8.9	8.21	80
A0819002	4	56 x 0.30	3	8.1	9.5	5.09	100
A0819003	6	84 x 0.30	3	9.0	10.6	3.39	130
A0819004	10	80 x 0.40	3	9.5	11.1	1.95	180
A0819005	16	126 x 0.40	3	10.5	12.3	1.24	250
A0819006	25	196 x 0.40	3	11.8	13.8	0.795	350
A0819007	35	276 x 0.40	3	13.0	15.2	0.565	450
A0819008	50	396 x 0.40	3	14.4	16.9	0.393	600
A0819009	70	360 x 0.50	3	16.1	18.9	0.277	800
A0819010	95	485 x 0.50	3	17.5	20.5	0.210	1050
A0819011	120	608 x 0.50	3.1	19.3	22.6	0.164	1300
A0819012	150	756 x 0.50	3.1	20.8	24.4	0.132	1550
A0819013	185	944 x 0.50	3.2	22.6	26.5	0.108	1950
A0819014	240	1221 x 0.50	3.4	25.4	29.8	0.0817	2500
A0819015	300	1525 x 0.50	3.4	27.7	32.4	0.0654	3050
A0819016	400	2037 x 0.50	3.4	30.8	36.0	0.0495	3950

If textile braid, maximal diameter should be increased by 0.8 mm.

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**omerin**  
LES CABLES DE L'EXTREME

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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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