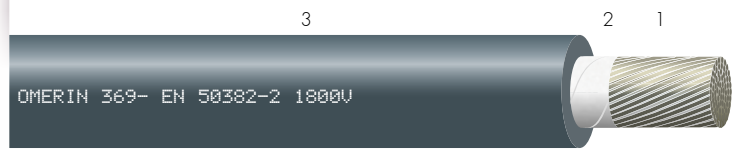


# SILICABLE® RW

## EN 50382-2 1800V F 150 °C

### Unsheathed cable



- 1 • Flexible stranded tin-plated copper - 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 +150 °C.

#### Electrical

Operating voltage: 1.8 / 3 kV.  
Test voltage: 6.5 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).

### Options

Cable with synthetic reinforcing braid.  
Ref: SILICABLE® RW EN 50382-2 1800V FZ 150 °C.  
Flexible red copper core - class 5 - EN 60228.

### 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 1800V 1x < cross-section > F 150 °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		
A0822005	1.5	30 x 0.25	2.5	6.3	7.3	13.3	60
A0822006	2.5	50 x 0.25	2.5	6.7	7.8	7.98	70
A0822023	4	56 x 0.30	2.5	7.2	8.4	4.95	90
A0822007	6	84 x 0.30	2.5	7.7	9	3.30	115
A0822010	10	80 x 0.40	2.5	8.5	10	1.91	160
A0822011	16	126 x 0.40	2.5	9.6	11.2	1.21	230
A0822012	25	196 x 0.40	2.5	10.9	12.7	0.78	320
A0822013	35	276 x 0.40	2.5	12.1	14.1	0.554	420
A0822014	50	396 x 0.40	2.5	13.5	15.8	0.386	570
A0822015	70	360 x 0.50	2.5	15.2	17.8	0.272	770
A0822016	95	485 x 0.50	2.7	17	19.9	0.206	1030
A0822017	120	608 x 0.50	2.7	18.6	21.7	0.161	1270
A0822018	150	756 x 0.50	2.7	20.1	23.5	0.129	1560
A0822019	185	944 x 0.50	2.7	21.7	25.4	0.106	1900
A0822020	240	1221 x 0.50	2.7	24.1	28.2	0.0801	2410
A0822021	300	1525 x 0.50	2.7	26.4	30.9	0.0641	2970
A0822022	400	2037 x 0.50	2.9	29.9	34.9	0.0486	3900

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



For this product, please contact :



**SEVI KABEL**

VIA DEI MARINAI D'ITALIA, 1 - 10034 CHIVASSO (TO) - Tel. 011.910.11.12 / 011.910.67.78 - Fax 011.913.13.13 - info@sevikabel.it