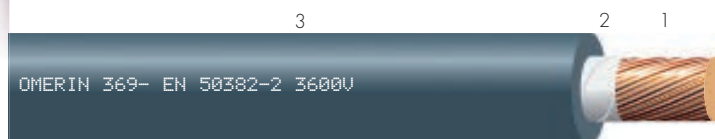


CABLE SOLUTIONS
FOR ROLLING STOCK

SILICABLE® RW

EN 50382-2 3600V F 150 °C

Unsheathed cable

HIGH TEMPERATURE POWERCABLES
EN 50382-2

- 1 • Flexible red 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 +150 °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 50267-2-1).
Low toxicity (EN 50267-2-2).
Low smoke (EN 61034-2).
Flame retardant (EN 60332-1-2, EN 60332-3-24).
Fire-smoke protection (NF F 16-101, BS 6853,
IEC 11170-3, DIN 5510-2, EN 45545-2).

Options

Cable with synthetic reinforcing braid.

Ref: SILICABLE® RW EN 50382-2 3600V FZ 150 °C.

Standards and approvals

- EN 60228, EN 50382-1, EN 50382-2.
- EN 50267-2-1, EN 50267-2-2.
- EN 60332-1-2, EN 60332-3-24, EN 61034-2
- NF F 16-101.

Marking

OMERIN 369- EN 50382-2 3600V 1x < cross-section > F 150 °C - batch number - week/year

Nominal cross-section (mm²)	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		
2.5	50 x 0.25	3	7.6	8.9	7.98	80
4	56 x 0.30	3	8.1	9.5	4.95	100
6	84 x 0.30	3	9.0	10.6	3.30	130
10	80 x 0.40	3	9.5	11.1	1.91	180
16	126 x 0.40	3	10.5	12.3	1.21	250
25	196 x 0.40	3	11.8	13.8	0.780	350
35	276 x 0.40	3	13.0	15.2	0.554	450
50	396 x 0.40	3	14.4	16.9	0.386	600
70	360 x 0.50	3	16.1	18.9	0.272	800
95	485 x 0.50	3	17.5	20.5	0.206	1050
120	608 x 0.50	3.1	19.3	22.6	0.161	1300
150	756 x 0.50	3.1	20.8	24.4	0.129	1550
185	944 x 0.50	3.2	22.6	26.5	0.106	1950
240	1221 x 0.50	3.4	25.4	29.8	0.0801	2500
300	1525 x 0.50	3.4	27.7	32.4	0.0641	3050
400	2037 x 0.50	3.4	30.8	36.0	0.0486	3950

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

omerin
LES CABLES DE L'EXTREME

For this product, please contact :



SEVI KABEL

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