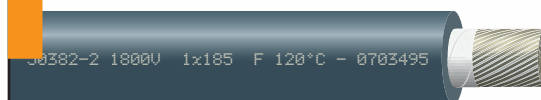


SILICABLE® RW

EN 50382-2 1800V F 120°C

Unsheathed cable

Technical sheet
N° A0821



- 1 • Flexible tinned 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

Technical data

Thermal
Continuous working temperature:
-40°C at +120°C

Electrical
Working voltage: 1.8 / 3 kV
Test voltage: 6.5 kV A.C

Mechanical
Alternate flexion resistance: ★★★★★
Abrasion resistance: ★★★★★
Bending radius: 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 50266-2-4)
Fire-smoke protection (NF F 16-101, BS 6853, CEI 11170-3, DIN 5510-2, EN 45545-2)

Option
Cable with synthetic reinforcing braid
Ref : SILICABLE® RW EN 50382-2 1800V FZ 120°C

Reference

SILICABLE® RW EN 50382-2 1800V F 120°C

Marking

OMERIN 369 EN 50382-2 1800V 1x < cross-section >
F 120°C - batch number - week/year

Standards and approvals

- EN 60228, EN 50382-1, EN 50382-2
- EN 50267-2-1, EN 50267-2-2
- EN 60332-1-2, EN 50266-2-4, EN 61034-2
- NF F 16-101

Nominal cross section (mm²)	Nominal stranding	Nominal wall thickness (mm)	Outer diameter (mm)		Maximum linear resistance at 20°C (Ω/km)	Approx. linear weight (kg/km)
			Mini	Maxi		
1.5	30x0.25	2.5	6.3	7.3	13.7	60
2.5	50x0.25	2.5	6.7	7.8	8.21	70
4	56x0.30	2.5	7.2	8.4	5.09	90
6	84x0.30	2.5	7.7	9	3.39	115
10	80x0.40	2.5	8.5	10	1.95	160
16	126x0.40	2.5	9.6	11.2	1.24	230
25	196x0.40	2.5	10.9	12.7	0.795	320
35	296x0.40	2.5	12.1	14.1	0.565	420
50	396x0.40	2.5	13.5	15.8	0.393	570
70	360x0.50	2.5	15.2	17.8	0.277	770
95	475x0.50	2.7	17	19.9	0.210	1030
120	608x0.50	2.7	18.6	21.7	0.164	1270
150	756x0.50	2.7	20.1	23.5	0.132	1560
185	925x0.50	2.7	21.7	25.4	0.108	1900
240	1221x0.50	2.7	24.1	28.2	0.0817	2410
300	1525x0.50	2.7	26.4	30.9	0.0654	2970
400	2037x0.50	2.9	29.9	34.9	0.0495	3900

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

For this product, please contact

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