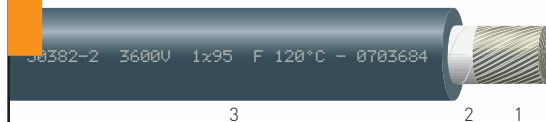


SILICABLE® RW

EN 50382-2 3600V F 120°C

Unsheathed cable

Technical sheet
N° A0819



- 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: 3.6 / 6 kV
Test voltage: 11 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 3600V FZ 120°C

Reference

SILICABLE® RW EN 50382-2 3600V F 120°C

Marking

OMERIN 369 EN 50382-2 3600V 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 | | |
| 2.5 | 50x0.25 | 3 | 7.6 | 8.9 | 8.21 | 80 |
| 4 | 56x0.30 | 3 | 8.1 | 9.5 | 5.09 | 100 |
| 6 | 84x0.30 | 3 | 9.0 | 10.6 | 3.39 | 130 |
| 10 | 80x0.40 | 3 | 9.5 | 11.1 | 1.95 | 180 |
| 16 | 126x0.40 | 3 | 10.5 | 12.3 | 1.24 | 250 |
| 25 | 196x0.40 | 3 | 11.8 | 13.8 | 0.795 | 350 |
| 35 | 296x0.40 | 3 | 13.0 | 15.2 | 0.565 | 450 |
| 50 | 396x0.40 | 3 | 14.4 | 16.9 | 0.393 | 600 |
| 70 | 360x0.50 | 3 | 16.1 | 18.9 | 0.277 | 800 |
| 95 | 475x0.50 | 3 | 17.5 | 20.5 | 0.210 | 1050 |
| 120 | 608x0.50 | 3.1 | 19.3 | 22.6 | 0.164 | 1300 |
| 150 | 756x0.50 | 3.1 | 20.8 | 24.4 | 0.132 | 1550 |
| 185 | 925x0.50 | 3.2 | 22.6 | 26.5 | 0.108 | 1950 |
| 240 | 1221x0.50 | 3.4 | 25.4 | 29.8 | 0.0817 | 2500 |
| 300 | 1525x0.50 | 3.4 | 27.7 | 32.4 | 0.0654 | 3050 |
| 400 | 2037x0.50 | 3.4 | 30.8 | 36.0 | 0.0495 | 3950 |

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

For this product, please contact

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