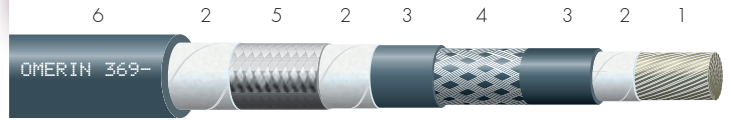


SILICABLE® RW

EN 50382-2 3600V FFXZ S 120 °C

Sheathed and screened cable



- 1 • Extra-flexible tin-plated copper conductive core - class 6 - EN 60228.
- 2 • Separating tape (optional).
- 3 • Silicone rubber with high mechanical properties - type EI 111 as per EN 50382-1.
- 4 • Synthetic reinforcing braid within the insulation.
- 5 • Tin-plated copper braid.
- 6 • Silicone rubber with high mechanical properties - type EM 107 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

Cut-through resistance: ★★★★★
Resistance to alternate bending: ★★★★★
Resistance to abrasion: ★★★★★
Minimum static internal bending radius
(EN 50355): 5xD.

Chemical

Acid and base resistance: ★★★★★
Mineral oil resistance: ★★★★★

Fire-smoke

Halogen-free (EN 60754-1).
Low toxicity (EN 60754-2).
Flame retardant (EN 60332-1-2, EN 60332-3-24).

Options

Other cross-sections on request.

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 > FFXZ S 120 °C - batch number - week/year

Item code	Nominal cross-section (mm ²)	Nominal stranding	Nominal insulation thickness (mm)	Insulation diameter (mm)		Nominal sheath thickness (mm)	Cable outer diameter (mm)		Maximum linear resistance at 20 °C (Ω/km)	Approx. linear weight (kg/km)
				Mini	Maxi		Mini	Maxi		
B2024002	50	703 x 0.30	3.0	15.2	18.6	1.6	19.8	21.8	0.393	860
B2024001	70	999 x 0.30	3.0	16.9	20.6	1.8	22.4	24.4	0.277	1120
B2024003	95	1332 x 0.30	3.0	18.3	22.2	2	25.3	27.3	0.210	1470
B2024004	120	1739 x 0.30	3.1	20.1	24.3	2.3	28.5	30.5	0.164	1840
B2024005	150	2146 x 0.30	3.1	21.6	26.1	2.4	29.7	32.2	0.132	2150
B2024006	185	2590 x 0.30	3.2	23.4	28.2	2.4	31.7	34.2	0.108	2540

This product is a cable EN 50382-2 3600V FXZ 120 °C screened and sheathed.
It is not described in EN 50382-1 and EN 50382-2 standards.

For this product, please contact :

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The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force.
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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