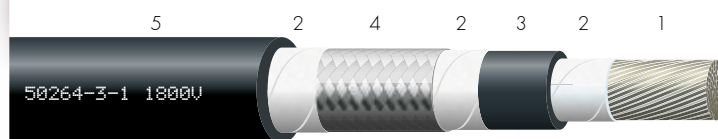


VARPREN® RW

EN 50264-3-1 1800V MM S

Sheathed and screened cable



- 1 • Tin-plated copper core - class 5 - EN 60228.
- 2 • Separating tape (optional).
- 3 • Fire resistant elastomer - type EI 109 as per EN 50264-3-1.
- 4 • Tin-plated copper braid.
- 5 • Fire resistant elastomer - type EM 104 as per EN 50264-3-1.

Characteristics

Thermal

Continuous operating temperature:
-40 °C to +90 °C.

Electrical

Operating voltage: 1.8 / 3 kV.
Test voltage: 4.5 kV A.C.

Mechanical

Cut-through resistance: ★★★★★
Resistance to abrasion: ★★★★★
Minimum static internal bending radius
(EN 50355): 10xD.

Chemical

Acid and base resistance: ★★★★★
Mineral oil resistance: ★★★★★
Fuel resistance only for class M: ★★★★★

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).

Options

Other cross-sections on request.

Standards and approvals

- EN 60228, EN 50264-1, EN 50264-3-1.
- EN 60754-1, EN 60754-2.
- EN 60332-1-2, EN 60332-3-24, EN 61034-2.

Marking

OMERIN 332- EN 50264-3-1 1800V < cross-section > MM S - batch number - week/year

Nominal cross-section (mm²)	Nominal stranding	Nominal conductor diameter (mm)	Cable outer diameter (mm)		Maximum linear resistance at 20 °C (Ω/km)	Approx. linear weight (kg/km)
			Mini	Maxi		
1.5	30 x 0.25	5.7	7.0	8.0	13.7	115
2.5	50 x 0.25	6.2	7.5	9.5	8.21	135
4	56 x 0.30	6.6	7.9	9.9	5.09	155
6	84 x 0.30	7.3	8.5	10.5	3.39	185
10	80 x 0.40	8.5	10.0	12.0	1.95	260
16	126 x 0.40	9.7	11.6	13.6	1.24	340
25	196 x 0.40	11.2	13.5	15.5	0.795	460
35	276 x 0.40	12.5	14.8	17.3	0.565	610
50	396 x 0.40	14.0	15.8	18.5	0.393	770
70	360 x 0.50	15.7	17.4	20.4	0.277	1000
95	485 x 0.50	17.9	20.1	22.8	0.210	1300
120	608 x 0.50	19.7	22.3	25.8	0.164	1500
150	756 x 0.50	21.7	25.3	29.2	0.132	1900
185	944 x 0.50	24.1	26.8	30.9	0.108	2300

This product is a cable EN 50264-3-1 1800V MM screened.
It is not described in EN 50264-1 and EN 50264-3-1 standards.

For this product, please contact :

OMERIN division principale

Zone Industrielle - F 63600 Ambert
Tel. +33 (0)4 73 82 50 00 - Fax +33 (0)4 73 82 50 10
omerin@omerin.com

OMERIN division silisol

BP 87 - ZI du Devey - F 42000 Saint-Etienne
Tel. +33 (0)4 77 81 36 00 - Fax +33 (0)4 77 81 37 00
silisol@omerin.com

www.omerin.com

omerin
LES CABLES DE L'EXTREME

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.
® Registered trademark of the OMERIN Group. Drawings and photos are not contractual. Reproduction is prohibited without the prior agreement of OMERIN.