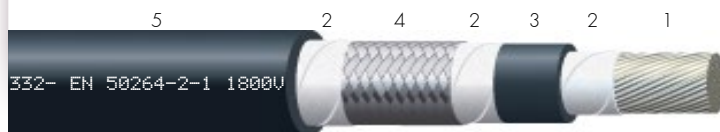


# VARPREN® RW

## EN 50264-2-1 1800V MM S

### Sheathed and screened cable



### Characteristics

#### Thermal

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

#### Electrical

Operating voltage: 1.8 / 3 kV.  
Test voltage: 6.5 kV A.C.

#### Mechanical

Cut-through resistance: ★★★★★  
Resistance to abrasion: ★★★★★  
Minimum static internal bending radius:  
as per EN 50355 (Table 16)  
and EN 50343 (Table 4)

#### Chemical

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

#### Fire-smoke

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

### Marking

OMERIN 332- EN 50264-2-1 1800V < cross-section > MM S - batch number - week/year

Item code	Nominal cross-section (mm <sup>2</sup> )	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		
379P0102	1	32 x 0.20	6.4	9.5	10.6	20	92
379P0202	1.5	30 x 0.25	6.7	9.8	11.0	13.7	102
379P0302	2.5	50 x 0.25	7.0	10.1	11.4	8.21	117
379P0402	4	56 x 0.30	7.7	10.7	12.1	5.09	142
379P0502	6	84 x 0.30	8.2	11.4	12.8	3.39	175
379P0602	10	80 x 0.40	9.5	12.7	14.5	1.95	293
379P0702	16	126 x 0.40	10.7	14.0	15.9	1.24	382
379P0802	25	196 x 0.40	12.1	15.6	17.8	0.795	517
379P0902	35	276 x 0.40	13.4	16.9	19.3	0.565	640
379P1002	50	396 x 0.40	15.0	18.5	21.2	0.393	815
379P1102	70	360 x 0.50	16.7	20.4	23.4	0.277	1051
379P1202	95	485 x 0.50	18.8	22.7	25.4	0.210	1352
379P1302	120	608 x 0.50	21.2	25.3	28.8	0.164	1680
379P1402	150	756 x 0.50	24.0	28.3	32.2	0.132	2050
379P1502	185	944 x 0.50	25.6	29.9	34.0	0.108	2410

This product is a cable EN 50264-2-1 1800V M screened  
It is not described in EN 50264-1 and EN 50264-2-1 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 Devev - 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](http://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.