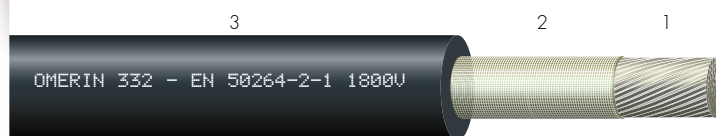


# VARPREN® RW

## EN 50264-2-1 1800V M FR

### Unsheathed cable



- 1 • Tin-plated copper core - class 5 - EN 60228.
- 2 • Mica tape.
- 3 • Fire resistant elastomer - type EI 104 as per EN 50264-2-1.

### 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  
(EN 50355): 10xD

#### 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)  
Fire resistance (EN 50200 or EN 50362)

### Options

Other cross-sections on request

### Marking

OMERIN 332 - EN 50264-2-1 1800V < cross-section > M FR - EN 50200 PH120 - batch number - week/year

Item code	Nominal cross-section (mm <sup>2</sup> )	Nominal stranding	Nominal wall thickness (mm)	Cable outer diameter (mm)		Maximum linear resistance at 20 °C (Ω/km)	Approx. linear weight (kg/km)
				Mini	Maxi		
379N0202	1.5	30 x 0.25	2.5	6.5	7.6	13.7	70
379N0302	2.5	50 x 0.25	2.5	6.9	8.1	8.21	84
379N0402	4	56 x 0.30	2.5	7.4	8.6	5.09	102
379N0502	6	84 x 0.30	2.5	8.0	9.3	3.39	130
379N0602	10	80 x 0.40	2.5	9.2	10.3	1.95	184
379N0702	16	126 x 0.40	2.5	10.3	11.9	1.24	250
379N0802	25	196 x 0.40	2.5	11.6	13.5	0.795	348
379N0902	35	276 x 0.40	2.5	12.8	14.9	0.565	451
379N1002	50	396 x 0.40	2.5	14.1	16.4	0.393	585
379N1102	70	360 x 0.50	2.5	15.7	18.3	0.277	780
379N1202	95	485 x 0.50	2.7	17.6	20.5	0.210	1002
379N1302	120	608 x 0.50	2.7	19.4	22.6	0.164	1245
379N1402	150	756 x 0.50	2.7	21.2	24.6	0.132	1539
379N1502	185	944 x 0.50	2.7	22.9	26.6	0.108	1858
379N0102	240	1221 x 0.50	2.7	24.9	30.0	0.0817	2413

This product is a cable EN 50264-3-1 1800V M with a mica tape on the core.  
It is not described in EN 50264-1 and EN 50264-2-1 standards.

For this product, please contact :

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**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.  
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