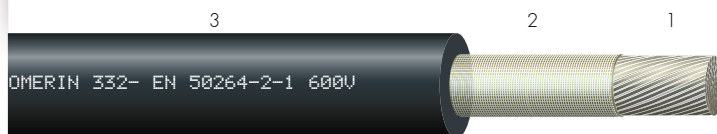


# VARPREN® RW

## EN 50264-2-1 600V M FR

### Unsheathed cable

FIRE RESISTANT POWERCABLES  
EN 50264-2 & EN 50200 / EN 50264-3 & EN 50200



- 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: 0.6 / 1 kV.  
Test voltage: 3.5 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).  
Fire resistance (EN 50200 or EN 50362).

### Options

Other cross-sections on request.

### Marking

OMERIN 332- EN 50264-2-1 600V < 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		
379M0102	1	32 x 0.20	0.8	3.2	3.6	20.0	21
379M0202	1.5	30 x 0.25	0.8	3.4	3.9	13.7	27
379M0302	2.5	50 x 0.25	0.8	3.8	4.3	8.21	38
379M0402	4	56 x 0.30	0.8	4.3	5.0	5.09	51
379M0502	6	84 x 0.30	0.9	5.1	5.9	3.39	77
379M0602	10	80 x 0.40	1.1	6.7	7.7	1.95	127
379M0702	16	126 x 0.40	1.1	7.6	8.9	1.24	186
379M0802	25	196 x 0.40	1.3	9.5	10.9	0.795	283
379M0902	35	276 x 0.40	1.3	10.8	12.1	0.565	379
379M1002	50	396 x 0.40	1.5	12.3	14.2	0.393	518
379M1102	70	360 x 0.50	1.5	13.9	16.1	0.277	705
379M1202	95	485 x 0.50	1.6	15.6	18.1	0.210	909
379M1302	120	608 x 0.50	1.6	17.4	20.2	0.164	1142
379M1402	150	756 x 0.50	1.9	19.7	22.9	0.132	1456
379M1502	185	944 x 0.50	1.9	21.4	24.9	0.108	1767
379M1602	240	1221 x 0.50	2.1	24.3	28.2	0.0817	2337

This product is a cable EN 50264-3-1 600V 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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