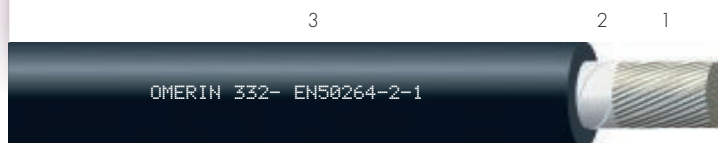


# VARPREN® RW

## EN 50264-2-1 1800V M

### Unsheathed cable



- 1 • Tin-plated copper core - class 5 - EN 60228.
- 2 • Separating tape (optional).
- 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 kV / 3 kV.  
Test voltage: 6.5 kV A.C.

#### Mechanical

Cut-through resistance: ★★★★★  
Resistance to abrasion: ★★★★★  
Minimum static internal bending radius  
(EN 50355): 4xD.

#### Chemical

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

#### Fire-smoke

Halogen-free (EN 50267-2-1).  
Low toxicity (EN 50267-2-2).  
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 50267-2-1, EN 50267-2-2.
- EN 60332-1-2, EN 60332-3-24, EN 61034-2.

### Marking

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

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		
1.5	30 x 0.25	2.5	6.2	7.3	13.7	63
2.5	50 x 0.25	2.5	6.6	7.8	8.21	76
4	56 x 0.30	2.5	7.1	8.4	5.09	96
6	84 x 0.30	2.5	7.6	8.9	3.39	121
10	80 x 0.40	2.5	8.4	9.9	1.95	172
16	126 x 0.40	2.5	9.5	11.1	1.24	240
25	196 x 0.40	2.5	10.8	12.7	0.795	336
35	276 x 0.40	2.5	12.0	14.1	0.565	441
50	396 x 0.40	2.5	13.4	15.7	0.393	594
70	360 x 0.50	2.5	15.1	17.7	0.277	792
95	485 x 0.50	2.7	16.9	19.8	0.210	1052
120	608 x 0.50	2.7	18.5	21.7	0.164	1306
150	756 x 0.50	2.7	20.0	23.4	0.132	1609
185	944 x 0.50	2.7	21.6	25.3	0.1080	1941
240	1221 x 0.50	2.7	24.1	28.2	0.0817	2453

**omerin**  
LES CABLES DE L'EXTREME

For this product, please contact :



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