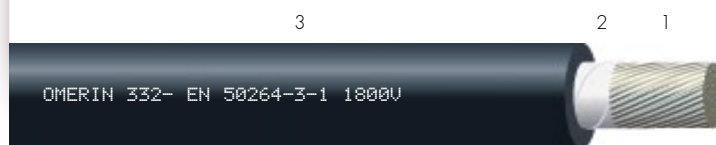


# VARPREN® RW

## EN 50264-3-1 1800V M

### Unsheathed 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.

### 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:  
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-smoke protection (EN 45545-2, NFPA 130).

### 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 > M - 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		
374J0102	1.5	30 x 0.25	2.0	5.3	6.2	13.7	49
374J0202	2.5	50 x 0.25	2.0	5.7	6.7	8.21	63
374J0302	4	56 x 0.30	2.0	6.2	7.3	5.09	77
374J0402	6	84 x 0.30	2.0	6.7	7.8	3.39	105
374J0502	10	80 x 0.40	2.0	7.5	8.8	1.95	151
374J0602	16	126 x 0.40	2.0	8.6	10.0	1.24	216
374J0702	25	196 x 0.40	2.0	9.9	11.6	0.795	312
374J0802	35	276 x 0.40	2.0	11.1	13.0	0.565	411
374J0902	50	396 x 0.40	2.0	12.5	14.6	0.393	560
374J1002	70	360 x 0.50	2.0	14.2	16.6	0.277	754
374J1102	95	485 x 0.50	2.2	16.0	18.7	0.210	1013
374J1202	120	608 x 0.50	2.2	17.6	20.6	0.164	1234
374J1302	150	756 x 0.50	2.2	19.1	22.3	0.132	1559
374J1402	185	944 x 0.50	2.4	20.9	24.4	0.108	1853
374J1502	240	1221 x 0.50	2.4	23.7	27.5	0.0817	2415
374J1602	300	1525 x 0.50	2.4	25.6	30.1	0.0654	2957

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**omerin**  
LES CABLES DE L'EXTREME

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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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