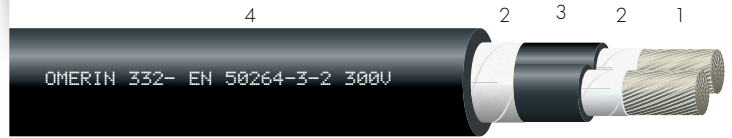


# VARPREN® RW

## EN 50264-3-2 300V MM

### Sheathed cable



- 1 • Tin-plated copper core - class 5 - EN 60228.
- 2 • Separating tape (optional).
- 3 • Fire resistant elastomer - type EI 109 as per EN 50264-3-2.
- 4 • Fire resistant elastomer - type EM 104 as per EN 50264-3-2.

### Characteristics

#### Thermal

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

#### Electrical

Operating voltage: 300 / 500 V.  
Test voltage: 2 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 or constructions on request.  
VARPREN® RW EN 50264-2-2 300V MM on request.

### Standards and approvals

- EN 60228, EN 50264-3-2.
- EN 60754-1, EN 60754-2.
- EN 60332-1-2, EN 60332-3-24, EN 61034-2.

### Marking

OMERIN 332- EN 50264-3-2 300V number of cores < cross-section > MM - batch number - week/year

Item code	Nominal cross-section (mm <sup>2</sup> )	Nominal insulation thickness (mm)	Nominal conductor diameter (mm)	Nominal sheath thickness (mm)	Cable outer diameter (mm)		Approx. linear weight (kg/km)
					Mini	Maxi	
374M0102	2 x 1	0.4	2.2	0.6	5.3	6.2	40
374M0202	4 x 1	0.4	2.2	0.6	6.1	7.2	68
374M0302	7 x 1	0.4	2.2	0.6	7.5	8.7	114
374M0402	9 x 1	0.4	2.2	0.6	9.1	10.6	145
374M0502	12 x 1	0.4	2.2	0.6	9.8	11.5	185
374M0602	19 x 1	0.4	2.2	0.7	11.7	13.7	286
374M0702	24 x 1	0.4	2.2	0.7	14.1	16.5	371
374M0802	32 x 1	0.4	2.2	0.7	15.5	18.2	479
374M0902	37 x 1	0.4	2.2	0.8	16.1	18.9	546
374M1002	40 x 1	0.4	2.2	1.0	16.7	19.6	587
374M1102	4 x 1.5	0.5	2.7	1.0	7.3	8.6	98
374M1202	7 x 1.5	0.5	2.7	1.0	8.7	10.2	156
374M1302	9 x 1.5	0.5	2.7	1.0	10.9	12.7	212
374M1402	12 x 1.5	0.5	2.7	0.7	11.8	13.8	273
374M1502	19 x 1.5	0.5	2.7	0.7	14.2	16.6	427
374M1602	24 x 1.5	0.5	2.7	0.8	16.6	19.5	534
374M1702	32 x 1.5	0.5	2.7	0.8	18.7	21.9	713
374M1802	37 x 1.5	0.5	2.7	1.0	19.5	22.8	811
374M1902	4 x 2.5	0.5	3.1	1.0	8.3	9.8	140
374M2002	7 x 2.5	0.5	3.1	1.2	10.2	11.9	232
374M2102	9 x 2.5	0.5	3.1	1.2	12.9	15.1	319
374M2202	12 x 2.5	0.5	3.1	0.7	13.9	16.3	410
374M2302	19 x 2.5	0.5	3.1	0.8	16.3	19.1	623
374M2402	24 x 2.5	0.5	3.1	1.0	19.6	22.9	800

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 Devey - 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)

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 some cases, for production purposes, a separating tape may be added between two successive layers. 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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