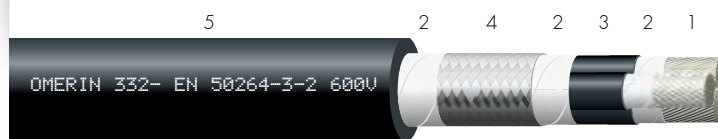


# VARPREN® RW

## EN 50264-3-2 600V MM S

### Sheathed and screened 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 • Tin-plated copper braid.
- 5 • 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: 0.6 / 1 kV.  
Test voltage: 3.5 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).

### Options

Other cross-sections or constructions on request.

### Standards and approvals

- EN 60228, EN 50264-1, 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 600V number of cores < cross-section > MM S - batch number - week/year

Core number	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	
2	1.5	0.7	3.1	0.7	7.8	9.4	103
3	1.5	0.7	3.1	0.7	8.3	9.9	129
4	1.5	0.7	3.1	0.7	9.2	10.6	157
2	2.5	0.7	3.5	0.7	8.4	10.7	132
3	2.5	0.7	3.5	0.7	8.5	11.7	169
4	2.5	0.7	3.5	0.8	10.5	12.1	93
2	4	0.7	4.0	0.8	9.1	11.7	172
3	4	0.7	4.0	0.8	9.4	12.7	230
4	4	0.7	4.0	0.8	11.1	13.1	286
2	6	0.7	4.6	0.8	10.4	13.5	233
3	6	0.7	4.6	0.8	10.8	14.6	307
4	6	0.7	4.6	1.0	12.6	15.9	399
2	10	0.7	5.8	1.0	12.9	17.0	353
3	10	0.7	5.8	1.0	13.6	18.5	494
4	10	0.7	5.8	1.0	16.3	18.8	619
2	16	0.7	7.0	1.0	15.4	19.8	520
3	16	0.7	7.0	1.2	16.3	21.8	717
4	16	0.7	7.0	1.2	18.8	23.0	906
2	25	0.9	8.8	1.2	19.0	24.2	772
3	25	0.9	8.8	1.2	19.5	26.5	1049
4	25	0.9	8.8	1.4	24.3	27.3	1400
2	35	0.9	10.2	1.4	21.7	27.8	1057
3	35	0.9	10.2	1.4	22.9	29.9	1436
2	50	1.0	11.2	1.4	24.8	32.0	1407
3	50	1.0	12.0	1.6	28.1	33.2	1966

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\* Sections not specified by the standard EN 50264-3-2 600V MM S.

[www.omerin.com](http://www.omerin.com)

**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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