

# VARPREN® RW

## EN 50264-3-2 300V 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: 300 / 500 V.  
Test voltage: 2 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 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 or constructions on request.

### Standards and approvals

- EN 60228, EN 50264-1, EN 50264-3-2.
- EN 50267-2-1, EN 50267-2-2.
- 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 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	0.4	2.2	0.6	6.0	7.4	67
4	1	0.4	2.2	0.7	7.0	8.6	103
7	1	0.4	2.2	0.7	8.2	10.0	152
9	1	0.4	2.2	0.8	10.1	12.1	204
12	1	0.4	2.2	0.8	10.8	13.0	250
19	1	0.4	2.2	1.0	12.9	15.5	369
24	1	0.4	2.2	1.0	15.1	18.1	480
32	1	0.4	2.2	1.0	16.4	19.8	600
37	1	0.4	2.2	1.0	17.1	20.6	672
40	1	0.4	2.2	1.2	18.1	21.7	737
4	1.5	0.5	2.7	0.7	8.1	9.7	138
7	1.5	0.5	2.7	0.8	9.6	11.4	208
9	1.5	0.5	2.7	0.7	12.3	14.3	290
12	1.5	0.5	2.7	1.0	13.2	15.4	357
19	1.5	0.5	2.7	1.0	15.4	18.0	538
24	1.5	0.5	2.7	1.0	18.3	21.3	684
32	1.5	0.5	2.7	1.2	20.0	23.4	859
37	1.5	0.5	2.7	1.2	20.8	24.2	964
4	2.5	0.5	3.1	1.2	9.0	10.6	185
7	2.5	0.5	3.1	0.7	11.0	12.8	299
9	2.5	0.5	3.1	0.8	13.7	15.7	393
12	2.5	0.5	3.1	1.0	14.9	17.1	515
19	2.5	0.5	3.1	1.0	17.6	20.2	764
24	2.5	0.5	3.1	1.2	20.5	23.5	949

**omerin**  
LES CABLES DE L'EXTREME

For this product, please contact :



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