

# VARPREN® RW

## EN 50264-2-2 300V MM FR

### Sheathed cable

FIRE RESISTANT POWERCABLES  
EN 50264-2 & EN 50200 / EN 50264-3 & EN 50200



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

### 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 60754-1).  
Low toxicity (EN 60754-2).  
Low smoke (EN 61034-2).  
Flame retardant (EN 60332-1-2, EN 60332-3-24).  
Fire resistance (EN 50200 or EN 50362).

### Options

Other cross-sections or constructions on request.

### Marking

OMERIN 332- EN 50264-2-2 300V < cross-section > MM - FR - EN 50200 PH120 - 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	0.6	2.8	1.4	8.3	9.6	90
4	1	0.6	2.8	1.4	9.5	10.9	132
7	1	0.6	2.8	1.4	11.0	12.6	194
9	1	0.6	2.8	1.4	13.1	15.0	244
12	1	0.6	2.8	1.4	14.0	16.1	301
19	1	0.6	2.8	1.4	16.4	18.5	434
24	1	0.6	2.8	1.5	19.0	21.9	547
32	1	0.6	2.8	1.6	21.0	24.2	705
37	1	0.6	2.8	1.6	21.9	25.1	794
4	1.5	0.7	3.3	1.4	10.5	12.1	169
7	1.5	0.7	3.3	1.4	12.3	14.2	254
9	1.5	0.7	3.3	1.4	14.8	17.0	321
12	1.5	0.7	3.3	1.4	15.9	18.3	400
19	1.5	0.7	3.3	1.5	18.6	21.5	594
4	2.5	0.8	3.9	1.4	11.9	13.7	230
7	2.5	0.8	3.9	1.4	14.0	16.2	356
9	2.5	0.8	3.9	1.5	17.1	19.8	461
12	2.5	0.8	3.9	1.5	18.5	21.4	580
19	2.5	0.8	3.9	1.6	21.7	25.1	868

This product is a cable EN 50264-2-2 300V MM with a mica tape on the core.  
It is not described in EN 50264-1 and EN 50264-2-2 standards.

For this product, please contact :

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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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