

# VARPREN® RW

## EN 50264-2-1 3600V MM

### Sheathed cable



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

### Characteristics

#### Thermal

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

#### Electrical

Operating voltage: 3.6 / 6 kV.  
Test voltage: 11 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).

### Options

Other cross-sections on request.

### Standards and approvals

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

### Marking

OMERIN 332- EN 50264-2-1 3600V < cross-section > MM - batch number - week /year

Item code	Nominal cross-section (mm <sup>2</sup> )	Nominal stranding	Nominal insulation thickness (mm)	Nominal sheath thickness (mm)	Cable outer diameter (mm)		Maximum linear resistance at 20 °C (Ω/km)	Approx. linear weight (kg/km)
					Mini	Maxi		
374D0102	2.5	50 x 0.25	3.0	1.4	10.5	12.3	8.21	156
374D0202	4	56 x 0.30	3.0	1.4	11.0	12.9	5.09	182
374D0302	6	84 x 0.30	3.0	1.4	11.5	13.4	3.39	211
374D0402	10	80 x 0.40	3.0	1.4	12.3	14.4	1.95	274
374D0502	16	126 x 0.40	3.0	1.4	13.3	15.6	1.24	353
374D0602	25	196 x 0.40	3.0	1.4	14.7	17.2	0.795	462
374D0702	35	296 x 0.40	3.0	1.4	15.9	18.6	0.565	578
374D0802	50	396 x 0.40	3.0	1.5	17.5	20.5	0.393	754
374D0902	70	360 x 0.50	3.0	1.5	19.2	22.4	0.277	968
374D1002	95	485 x 0.50	3.0	1.6	20.8	24.3	0.210	1238
374D1102	120	608 x 0.50	3.1	1.7	22.7	26.6	0.164	1536
374D1202	150	756 x 0.50	3.1	1.7	24.2	28.4	0.132	1867
374D1302	185	944 x 0.50	3.2	1.8	26.2	30.7	0.108	2243

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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