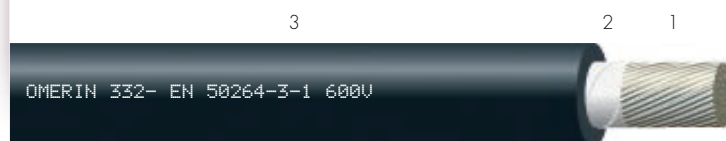


VARPREN® RW

EN 50264-3-1 600V M

Unsheathed cable



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

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): 4xD.

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).
Fire-smoke protection (NF F 16-101, BS 6853,
IEC 11170-3, DIN 5510-2, EN 45545-2, NFPA 130).

Options

Other cross-sections on request.

Standards and approvals

- EN 60228, EN 50264-1, EN 50264-3-1.
- EN 50267-2-1, EN 50267-2-2.
- EN 60332-1-2, EN 60332-3-24, EN 61034-2.
- NF F 16-101.

Marking

OMERIN 332- EN 50264-3-1 600V < cross-section > M - batch number - week/year

Nominal cross-section (mm²)	Nominal stranding	Nominal wall thickness (mm)	Cable outer diameter (mm)		Maximum linear resistance at 20 °C (Ω/km)	Approx. linear weight (kg/km)
			Mini	Maxi		
1	32 x 0.20	0.6	2.4	2.8	20	15
1.5	30 x 0.25	0.7	2.8	3.3	13.7	22
2.5	50 x 0.25	0.7	3.2	3.8	8.21	33
4	56 x 0.30	0.7	3.8	4.4	5.09	46
6	84 x 0.30	0.7	4.2	5.0	3.39	67
10	80 x 0.40	0.7	5.1	5.9	1.95	106
16	126 x 0.40	0.7	6.1	7.2	1.24	165
25	196 x 0.40	0.9	7.8	9.1	0.795	258
35	276 x 0.40	0.9	9.0	10.6	0.565	353
50	396 x 0.40	1.0	10.6	12.4	0.393	499
70	360 x 0.50	1.1	12.5	14.6	0.277	695
95	485 x 0.50	1.1	13.9	16.3	0.210	927
120	608 x 0.50	1.2	15.7	18.4	0.164	1146
150	756 x 0.50	1.4	17.6	20.6	0.132	1470
185	944 x 0.50	1.6	19.6	22.9	0.108	1766
240	1221 x 0.50	1.7	22.2	26.0	0.0817	2330
300	1525 x 0.50	1.8	24.6	28.8	0.0654	2909

For this product, please contact :



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