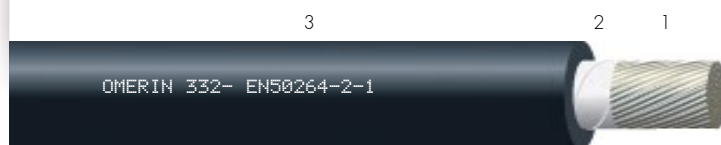


VARPREN® RW

EN 50264-2-1 600V M

Unsheathed cable



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

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:
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).
Fire smoke protection (EN45545-2)
from 1mm² to 35mm².

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- EN50264-2-1 600V < cross-section > M - batch number - week/year

Item code	Nominal cross-section (mm ²)	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		
374A0102	1	32 x 0.20	0.8	2.8	3.2	20	17
374A0202	1.5	30 x 0.25	0.8	3.0	3.5	13.7	23
374A0302	2.5	50 x 0.25	0.8	3.4	3.9	8.21	34
374A0402	4	56 x 0.30	0.8	3.9	4.6	5.09	50
374A0502	6	84 x 0.30	0.9	4.6	5.4	3.39	73
374A0602	10	80 x 0.40	1.1	5.8	6.8	1.95	120
374A0702	16	126 x 0.40	1.1	7.2	8.5	1.24	181
374A0802	25	196 x 0.40	1.3	8.6	10.0	0.795	278
374A0902	35	276 x 0.40	1.3	10.2	11.5	0.565	375
374A1002	50	396 x 0.40	1.5	11.6	13.5	0.393	531
374A1102	70	360 x 0.50	1.5	13.3	15.5	0.277	722
374A1202	95	485 x 0.50	1.6	14.9	17.4	0.210	965
374A1302	120	608 x 0.50	1.6	16.5	19.3	0.164	1206
374A1402	150	756 x 0.50	1.9	18.5	21.7	0.132	1527
374A1502	185	944 x 0.50	1.9	20.1	23.6	0.108	1853
374A1602	240	1221 x 0.50	2.1	22.9	26.8	0.0817	2384
374A1702	300	1525 x 0.50	2.2	25.4	29.7	0.0654	2964

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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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