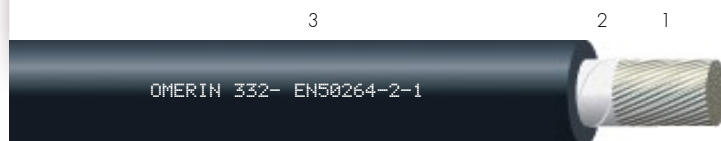


VARPREN® RW

EN 50264-2-1 1800V 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: 1.8 kV / 3 kV.
Test voltage: 6.5 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).

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 1800V < 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		
374B0102	1.5	30 x 0.25	2.5	6.2	7.3	13.7	63
374B0202	2.5	50 x 0.25	2.5	6.6	7.8	8.21	76
374B0302	4	56 x 0.30	2.5	7.1	8.4	5.09	96
374B0402	6	84 x 0.30	2.5	7.6	8.9	3.39	121
374B0502	10	80 x 0.40	2.5	8.4	9.9	1.95	172
374B0602	16	126 x 0.40	2.5	9.5	11.1	1.24	240
374B0702	25	196 x 0.40	2.5	10.8	12.7	0.795	336
374B0802	35	276 x 0.40	2.5	12.0	14.1	0.565	441
374B0902	50	396 x 0.40	2.5	13.4	15.7	0.393	594
374B1002	70	360 x 0.50	2.5	15.1	17.7	0.277	792
374B1102	95	485 x 0.50	2.7	16.9	19.8	0.210	1052
374B1302	120	608 x 0.50	2.7	18.5	21.7	0.164	1306
374B1402	150	756 x 0.50	2.7	20.0	23.4	0.132	1609
374B1502	185	944 x 0.50	2.7	21.6	25.3	0.1080	1941
374B1602	240	1221 x 0.50	2.7	24.1	28.2	0.0817	2453

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LES CABLES DE L'EXTREME

The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force.
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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