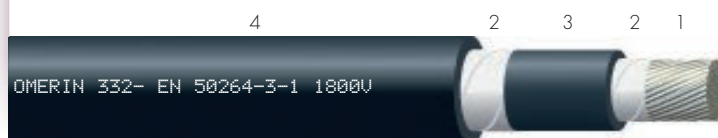


CABLE SOLUTIONS
FOR ROLLING STOCK**VARPREN® RW**
EN 50264-3-1 1800V MM
Sheathed cable

STANDARD POWER CABLES - EN 50264-2 / EN 50264-3



- 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.
- 4 • Fire resistant elastomer - type EM 104 as per EN 50264-3-1.

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
(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).

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.

Marking

OMERIN 332- EN 50264-3-1 1800V < cross-section > MM - batch number - week/year

Nominal cross-section (mm²)	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		
1.5	30 x 0.25	1.3	0.8	5.7	6.7	13.7	54
2.5	50 x 0.25	1.3	0.8	6.0	7.0	8.21	74
4	56 x 0.30	1.3	0.8	6.5	7.6	5.09	95
6	84 x 0.30	1.3	0.8	7.0	8.1	3.39	119
10	80 x 0.40	1.5	0.8	8.2	9.6	1.95	179
16	126 x 0.40	1.5	0.8	9.2	10.8	1.24	252
25	196 x 0.40	1.8	1.0	11.5	13.4	0.795	382
35	276 x 0.40	1.8	1.0	12.7	14.9	0.565	491
50	396 x 0.40	1.8	1.0	14.1	16.5	0.393	649
70	360 x 0.50	1.8	1.0	15.8	18.5	0.277	857
95	485 x 0.50	2.2	1.0	18.0	21.0	0.210	1145
120	608 x 0.50	2.2	1.0	19.6	22.9	0.164	1409
150	756 x 0.50	2.2	1.2	21.4	25.1	0.132	1756
185	944 x 0.50	2.4	1.2	23.4	27.4	0.108	2124
240	1221 x 0.50	2.4	1.2	25.9	30.3	0.0817	1575
300	1525 x 0.50	2.4	1.2	28.1	32.9	0.0654	1939

omerin
LES CABLES DE L'EXTREME

For this product, please contact :

**SEVI KABEL**

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