

CABLE SOLUTIONS
FOR ROLLING STOCK**VARPREN® RW**
EN 50264-2-1 600V M FR
Unsheathed cable

FIRE RESISTANT POWERCABLES

EN 50264-2 & EN 50200 / EN 50264-3 & EN 50200



- 1 • Tin-plated copper core - class 5 - EN 60228.
- 2 • Mica tape.
- 3 • Red 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
(EN 50355): 10xD.

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 resistance (EN 50200 or EN 50362).

Options

Other cross-sections on request.

Marking

OMERIN 332- EN 50264-2-1 600V < cross-section > M - FR - 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	0.8	3.2	3.6	20.0	21
1.5	30 x 0.25	0.8	3.4	3.9	13.7	27
2.5	50 x 0.25	0.8	3.8	4.3	8.21	38
4	56 x 0.30	0.8	4.3	5.0	5.09	51
6	84 x 0.30	0.9	5.1	5.9	3.39	77
10	80 x 0.40	1.1	6.7	7.7	1.95	127
16	126 x 0.40	1.1	7.6	8.9	1.24	186
25	196 x 0.40	1.3	9.5	10.9	0.795	283
35	276 x 0.40	1.3	10.8	12.1	0.565	379
50	396 x 0.40	1.5	12.3	14.2	0.393	518
70	360 x 0.50	1.5	13.9	16.1	0.277	705
95	485 x 0.50	1.6	15.6	18.1	0.210	909
120	608 x 0.50	1.6	17.4	20.2	0.164	1142
150	756 x 0.50	1.9	19.7	22.9	0.132	1456
185	944 x 0.50	1.9	21.4	24.9	0.108	1767
240	1221 x 0.50	2.1	24.3	28.2	0.0817	2337

This product is a cable EN 50264-3-1 600V M with a mica tape on the core.
It is not described in EN 50264-1 and EN 50264-2-1 standards.

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LES CABLES DE L'EXTREME

For this product, please contact :

**SEVI KABEL**

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