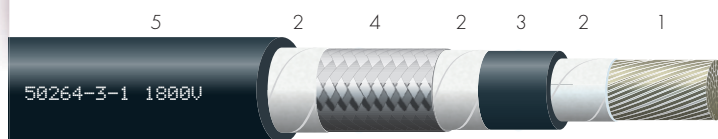


VARPREN® RW

EN 50264-3-1 1800V MM S

Sheathed and screened 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.
- 4 • Tin-plated copper braid.
- 5 • 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 / 3 kV.
Test voltage: 4.5 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).

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 S - batch number - week/year

Nominal cross-section (mm ²)	Nominal stranding	Nominal conductor diameter (mm)	Cable outer diameter (mm)		Maximum linear resistance at 20 °C (Ω/km)	Approx. linear weight (kg/km)
			Mini	Maxi		
1.5	30 × 0.25	5.7	7.0	8.0	13.7	115
2.5	50 × 0.25	6.2	7.5	9.5	8.21	135
4	56 × 0.30	6.6	7.9	9.9	5.09	155
6	84 × 0.30	7.3	8.5	10.5	3.39	185
10	80 × 0.40	8.5	10.0	12.0	1.95	260
16	126 × 0.40	9.7	11.6	13.6	1.24	340
25	196 × 0.40	11.2	13.5	15.5	0.795	460
35	276 × 0.40	12.5	14.8	17.3	0.565	610
50	396 × 0.40	14.0	15.8	18.5	0.393	770
70	360 × 0.50	15.7	17.4	20.4	0.277	1000
95	485 × 0.50	17.9	20.1	22.8	0.210	1300
120	608 × 0.50	19.7	22.3	25.8	0.164	1500
150	756 × 0.50	21.7	25.3	29.2	0.132	1900
185	944 × 0.50	24.1	26.8	30.9	0.108	2300

This product is a cable EN 50264-3-1 1800V MM screened.
It is not described in EN 50264-1 and EN 50264-3-1 standards.

For this product, please contact :

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