

VARPREN® RW

EN 50264-2-1 600V MM S

Sheathed and screened cable



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).

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 600V < cross-section > MM S - batch number - week/year

Item code	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		
37900102	1	32 x 0.20	3.0	6.0	7.0	20	72
37900202	1.5	30 x 0.25	3.3	6.2	7.2	13.7	81
37900302	2.5	50 x 0.25	3.6	6.6	7.6	8.21	95
37900402	4	56 x 0.30	4.3	7.3	8.3	5.09	119
37900502	6	84 x 0.30	5.0	8.1	9.1	3.39	154
37900602	10	80 x 0.40	6.7	9.8	10.8	1.95	224
37900702	16	126 x 0.40	7.9	11.1	12.3	1.24	306
37900802	25	196 x 0.40	9.7	13.0	14.2	0.795	445
37900902	35	276 x 0.40	11.0	14.3	15.5	0.565	562
37901002	50	396 x 0.40	13.0	16.5	17.7	0.393	748
37901102	70	360 x 0.50	14.7	18.4	19.7	0.277	978
37901202	95	485 x 0.50	16.6	20.5	21.8	0.210	1261
37901302	120	608 x 0.50	19.0	22.9	24.2	0.164	1577
37901402	150	756 x 0.50	22.4	26.7	28.1	0.132	1978
37901502	185	944 x 0.50	24.0	28.3	29.7	0.108	2334

This product is a cable EN 50264-2-1 600V M screened and sheathed.
It is not described in EN 50264-1 and EN 50264-2-1 standards.

For this product, please contact :

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LES CABLES DE L'EXTREME

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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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