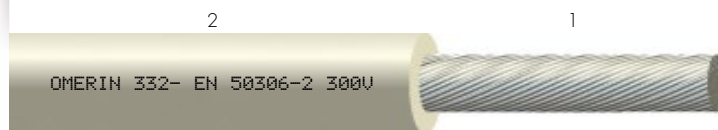


VARPREN® RW

EN 50306-2 300V M

Unsheathed cable



- 1 • Tin-plated copper core.
- 2 • Thin wall insulation.

Characteristics

Thermal

Continuous operating temperature:
-40 °C to +105 °C.

Electrical

Operating voltage: 300 / 500 V.
Test voltage: 2 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).
Fire-smoke protection (EN 45545-2, NFPA 130).

Options

Other cross-sections on request

Standards and approvals

- EN 60228, EN 50306-1, EN 50306-2.
- EN 60754-1, EN 60754-2.
- EN 60332-1-2, EN 60332-3-24, EN 61034-2.

Marking

OMERIN 332- EN 50306-2 300V 1 x < cross-section > M - batch number - week/year

Item Code	Nominal cross-section (mm ²)	Nominal stranding	Minimum wall thickness (mm)	Cable outer diameter (mm)		Maximum linear resistance at 20 °C (Ω/km)	Approx. linear weight (kg/km)
				Mini	Maxi		
383A0101	0.5	19 x 0.18	0.18	1.15	1.45	40.1	6.0
383A0201	0.75	19 x 0.22	0.18	1.35	1.65	26.7	8.5
383A0301	1	19 x 0.26	0.18	1.40	1.80	20.0	10.5
383A0401	1.5	19 x 0.30	0.22	1.90	2.30	13.7	16.5
383A0501	2.5	19 x 0.40	0.28	2.45	2.85	8.21	26.0

For this product, please contact :

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omerin
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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