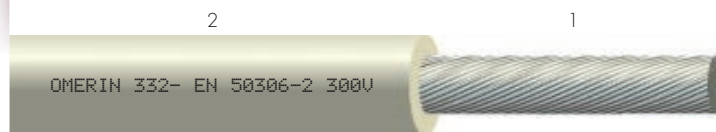


CABLE SOLUTIONS
FOR ROLLING STOCK

LOW VOLTAGE CABLES - EN 50306

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
(EN 50355) : 5xD.

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-smoke protection (NF F 16-101, BS 6853,
IEC 11170-3, DIN 5510-2, EN 45545-2, NFPA 130).

Options

Other cross-sections on request

Standards and approvals

- EN 60228, EN 50306-1, EN 50306-2.
- EN 50267-2-1, EN 50267-2-2.
- EN 60332-1-2, EN 60332-3-24, EN 61034-2.
- NF F 16-101.

Marking

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

Nominal cross-section (mm²)	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		
0.5	19 x 0.18	0.18	1.15	1.45	40.1	6.0
0.75	19 x 0.22	0.18	1.35	1.65	26.7	8.5
1	19 x 0.26	0.18	1.45	1.80	20.0	10.5
1.5	19 x 0.32	0.22	1.95	2.30	13.7	16.5
2.5	19 x 0.40	0.28	2.50	2.85	8.21	26.0

For this product, please contact :

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