

VARPREN® RW

EN 50306-3 300V MM S

Screened and sheathed cable



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

Options

Other cross-sections or constructions on request.

Standards and approvals

- EN 60228, EN 50306-1, EN 50306-2, EN 50306-3.
- EN 50267-2-1, EN 50267-2-2.
- EN 60332-1-2, EN 60332-3-24, EN 61034-2.
- NF F16-101.

Marking

OMERIN 332- EN 50306-3 300V number of cores x < cross-section >
MM S 90 - batch number - week/year

BASE CORE

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

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Nominal cross-section (mm²)	Minimum sheath thickness (mm)	Cable outer diameter (mm)		Approx. linear weight (kg/km)
		Mini	Maxi	
1 x 0.5	0.20	2.3	2.8	15
2 x 0.5	0.20	3.5	4.3	29
3 x 0.5	0.20	3.7	4.5	36
4 x 0.5	0.20	4.0	5.0	44
1 x 0.75	0.20	2.5	3.0	19
2 x 0.75	0.20	3.9	4.7	37
3 x 0.75	0.20	4.0	5.0	47
4 x 0.75	0.20	4.5	5.5	57
1 x 1	0.20	2.7	3.2	22
2 x 1	0.20	4.2	5.2	42
3 x 1	0.20	4.5	5.5	54
4 x 1	0.20	5.0	6.0	72
1 x 1.5	0.20	3.1	3.6	30
2 x 1.5	0.20	5.1	6.1	64
3 x 1.5	0.20	5.4	6.4	82
4 x 1.5	0.20	6.0	7.0	102
1 x 2.5	0.20	3.6	4.4	44
2 x 2.5	0.20	6.4	7.4	91
3 x 2.5	0.20	6.8	7.8	121
4 x 2.5	0.20	7.5	8.5	151

omerin
LES CABLES DE L'EXTREME

For this product, please contact :



SEVI KABEL

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