

VARPREN® RW

EN 50306-4 300V MMM S

Individually screened
and sheathed multicore cables



Characteristics

Thermal

Continuous operating temperature:
-40 °C to +90 °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).

Options

Other cross-sections or constructions on request.

Standards and approvals

- EN 60228, EN 50306-1, EN 50306-2, EN 50306-4.
- 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 50306-4 5E or 5P 300V number of pairs x < cross-section >
MMM S 90 - batch number - week/year

BASE CORE

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		
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

REFERENCE EN 50306-4 300V MMS

Nominal cross-section (mm ²)	Minimum sheath thickness (mm)	Cable outer diameter (mm)		Approx. linear weight (kg/km)	Minimum sheath thickness (mm)	Cable outer diameter (mm)		Approx. linear weight (kg/km)
		Mini	Maxi			Mini	Maxi	
2 x 2 x 0.5	1.0	10.1	11.3	135	0.56	9.0	10.2	105
3 x 2 x 0.5	1.0	10.8	12.0	165	0.56	9.6	10.8	132
4 x 2 x 0.5	1.0	11.8	13.0	188	0.56	10.7	11.9	154
7 x 2 x 0.5	1.0	13.9	15.5	280	0.56	13.0	14.2	242
2 x 2 x 0.75	1.0	10.9	12.1	158	0.56	9.8	11.0	128
3 x 2 x 0.75	1.0	11.6	12.8	195	0.56	10.5	11.7	164
4 x 2 x 0.75	1.0	12.8	14.0	225	0.56	11.6	12.8	186
7 x 2 x 0.75	1.0	15.1	16.7	335	0.56	14.0	15.6	297
2 x 2 x 1.0	1.0	11.3	12.5	170	0.56	10.2	11.6	138
3 x 2 x 1.0	1.0	12.0	13.2	210	0.56	10.9	12.1	179
4 x 2 x 1.0	1.0	13.2	14.4	234	0.56	12.1	13.3	205
7 x 2 x 1.0	1.0	15.7	17.3	365	0.56	14.6	16.2	348
2 x 2 x 1.5	1.0	13.3	14.5	240	0.56	12.2	13.4	203
3 x 2 x 1.5	1.0	14.0	15.6	294	0.56	13.1	14.3	263
4 x 2 x 1.5	1.0	15.5	17.1	340	0.56	14.3	15.9	297
7 x 2 x 1.5	1.0	18.7	20.3	539	0.56	17.6	19.2	501

omerin
LES CABLES DE L'EXTREME

For this product, please contact :



SEVI KABEL

VIA DEI MARINAI D'ITALIA, 1 - 10034 CHIVASSO (TO) - Tel. 011.910.11.12 / 011.910.67.78 - Fax 011.913.13.13 - info@sevikabel.it