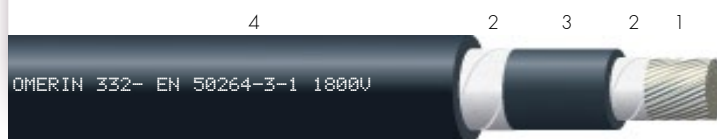


VARPREN® RW

EN 50264-3-1 1800V MM

Sheathed cable



- 1 • Tin-plated copper core - class 5 - EN 60228.
- 2 • Separating tape (optional).
- 3 • Fire resistant elastomer - type EI 109 as per EN 50264-3-1.
- 4 • Fire resistant elastomer - type EM 104 as per EN 50264-3-1.

Characteristics

Thermal

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

Electrical

Operating voltage: 1.8 kV / 3 kV.
Test voltage: 6.5 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 50264-3-1.
- EN 60754-1, EN 60754-2.
- EN 60332-1-2, EN 60332-3-24, EN 61034-2.

Marking

OMERIN 332- EN 50264-3-1 1800V < cross-section > MM - batch number - week/year

Item code	Nominal cross-section (mm ²)	Nominal stranding	Nominal insulation thickness (mm)	Nominal sheath thickness (mm)	Cable outer diameter (mm)		Maximum linear resistance at 20 °C (Ω/km)	Approx. linear weight (kg/km)
					Mini	Maxi		
374K0602	1.5	30 x 0.25	1.3	0.8	5.7	6.7	13.7	54
374K0702	2.5	50 x 0.25	1.3	0.8	6.0	7.0	8.21	74
374K0802	4	56 x 0.30	1.3	0.8	6.5	7.6	5.09	95
374K0902	6	84 x 0.30	1.3	0.8	7.0	8.1	3.39	119
374K0202	10	80 x 0.40	1.5	0.8	8.2	9.6	1.95	179
374K1002	16	126 x 0.40	1.5	0.8	9.2	10.8	1.24	252
374K1102	25	196 x 0.40	1.8	1.0	11.5	13.4	0.795	382
374K1202	35	276 x 0.40	1.8	1.0	12.7	14.9	0.565	491
374K1302	50	396 x 0.40	1.8	1.0	14.1	16.5	0.393	649
374K0302	70	360 x 0.50	1.8	1.0	15.8	18.5	0.277	857
374K0402	95	485 x 0.50	2.2	1.0	18.0	21.0	0.210	1145
374K0502	120	608 x 0.50	2.2	1.0	19.6	22.9	0.164	1409
374K1402	150	756 x 0.50	2.2	1.2	21.4	25.1	0.132	1756
374K1502	185	944 x 0.50	2.4	1.2	23.4	27.4	0.108	2124
374K1602	240	1221 x 0.50	2.4	1.2	25.9	30.3	0.0817	1575
374K1702	300	1525 x 0.50	2.4	1.2	28.1	32.9	0.0654	1939

For this product, please contact :

OMERIN division principale

Zone Industrielle - F 63600 Ambert
Tel. +33 (0)4 73 82 50 00 - Fax +33 (0)4 73 82 50 10
omerin@omerin.com

OMERIN division silisol

BP 87 - ZI du Devey - F 42000 Saint-Etienne
Tel. +33 (0)4 77 81 36 00 - Fax +33 (0)4 77 81 37 00
silisol@omerin.com

www.omerin.com

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.
© Registered trademark of the OMERIN Group. Drawings and photos are not contractual. Reproduction is prohibited without the prior agreement of OMERIN.