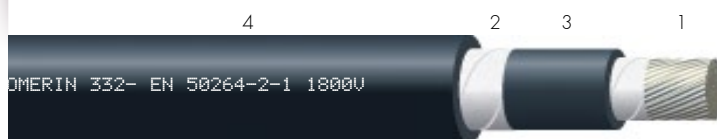


VARPREN® RW

EN 50264-2-1 1800V MM

Sheathed cable



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

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 50264-2-1.
- EN 60754-1, EN 60754-2.
- EN 60332-1-2, EN 60332-3-24, EN 61034-2.

Marking

OMERIN 332- EN 50264-2-1 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		
374C0202	1.5	30 x 0.25	1.3	1.4	6.7	7.8	13.7	62
374C0302	2.5	50 x 0.25	1.3	1.4	7.1	8.3	8.21	70
374C0402	4	56 x 0.30	1.3	1.4	7.6	8.9	5.09	84
374C0502	6	84 x 0.30	1.3	1.4	8.1	9.5	3.39	105
374C0602	10	80 x 0.40	2.2	1.4	10.6	12.4	1.95	130
374C0702	16	126 x 0.40	2.2	1.4	11.7	13.6	1.24	228
374C0802	25	196 x 0.40	2.2	1.4	13.0	15.2	0.795	302
374C0902	35	276 x 0.40	2.2	1.4	14.2	16.6	0.565	406
374C1002	50	396 x 0.40	2.2	1.4	15.6	18.3	0.393	517
374C1102	70	360 x 0.50	2.2	1.5	17.5	20.5	0.277	678
374C1202	95	485 x 0.50	2.4	1.6	19.6	22.3	0.210	912
374C1302	120	608 x 0.50	2.4	1.6	21.1	24.6	0.164	1176
374C1402	150	756 x 0.50	2.4	1.7	22.7	26.6	0.132	1444
374C1502	185	944 x 0.50	2.4	1.7	24.0	28.1	0.108	1777
374C1602	240	1221 x 0.50	2.4	1.8	27.0	31.6	0.0817	2119

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LES CABLES DE L'EXTREME

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