

# VARPREN® RW

## EN 50264-3-2 300V MM S FR

### Sheathed and screened cable

FIRE RESISTANT POWERCABLES  
EN 50264-2 & EN 50200 / EN 50264-3 & EN 50200



### 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:  
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).  
Fire resistance (EN 50200 or EN 50362).

### Options

Other cross-sections or constructions on request.

### Marking

OMERIN 332- TYPE EN 50264-3-2 300V < cross-section > MM S FR - EN 50200 PH120 -  
batch number - week/year

Item code	Nominal cross-section (mm <sup>2</sup> )	Nominal insulation thickness (mm)	Nominal conductor diameter (mm)	Nominal sheath thickness (mm)	Cable outer diameter (mm)		Approx. linear weight (kg/km)
					Mini	Maxi	
379I0102	2 x 0.5	0.35	2.05	0.7	6.1	7.1	61
379I2002	3 x 0.5	0.35	2.05	0.7	6.4	7.4	68
379I1202	4 x 0.5	0.35	2.05	0.7	7.1	8.1	83
379I1102	6 x 0.5	0.35	2.05	0.8	8.2	9.2	110
379I1902	1 x 0.75	0.35	2.2	0.7	4.0	5.0	36
379I0602	2 x 0.75	0.35	2.2	0.7	6.5	7.5	74
379I1502	4 x 0.75	0.35	2.2	0.7	6.8	7.8	85
379I0302	1 x 1	0.4	2.7	0.8	4.5	5.5	43
379I0202	2 x 1	0.4	2.7	0.85	7.4	8.4	75
379I1602	3 x 1	0.4	2.7	0.85	7.8	8.8	100
379I1002	4 x 1	0.4	2.7	0.9	8.6	9.6	115
379I1402	6 x 1	0.4	2.7	0.9	9.9	11.3	178
379I2402	7 x 1	0.4	2.7	0.9	9.9	11.3	178
379I2102	8 x 1	0.4	2.7	0.9	11.8	13.2	220
379I2502	9 x 1	0.4	2.7	1.0	12.6	14.2	243
379I2602	12 x 1	0.4	2.7	1.0	13.0	14.8	294
379I2702	19 x 1	0.4	2.7	1.2	15.6	17.8	430
379I2802	24 x 1	0.4	2.7	1.2	18.2	20.8	560
379I2902	32 x 1	0.4	2.7	1.2	20.5	23.3	710
379I3002	37 x 1	0.4	2.7	1.2	21.3	24.1	800
379I0702	1 x 1.5	0.5	2.9	0.8	5.0	6.0	52
379I0402	2 x 1.5	0.5	2.9	0.8	8.0	9.0	112
379I1302	3 x 1.5	0.5	2.9	0.8	8.4	9.4	124
379I1702	4 x 1.5	0.5	2.9	0.9	8.8	10.2	151
379I0802	6 x 1.5	0.5	2.9	0.9	10.4	12.1	233
379I3102	7 x 1.5	0.5	2.9	0.9	10.4	12.1	233
379I0902	8 x 1.5	0.5	2.9	1.0	12.9	14.3	306
379I3202	9 x 1.5	0.5	2.9	1.0	13.1	15.2	316
379I3302	12 x 1.5	0.5	2.9	1.0	14.1	16.7	411
379I3402	19 x 1.5	0.5	2.9	1.0	16.3	19.4	585
379I0502	1 x 2.5	0.5	3.3	0.8	5.3	6.3	60
379I1802	2 x 2.5	0.5	3.3	0.8	8.8	9.8	140
379I3502	4 x 2.5	0.5	3.3	0.8	9.8	11.4	207
379I3602	7 x 2.5	0.5	3.3	0.8	11.8	13.7	323
379I3702	9 x 2.5	0.5	3.3	1.0	14.8	17.2	450
379I3802	12 x 2.5	0.5	3.3	1.0	16.0	18.5	557
379I3902	19 x 2.5	0.5	3.3	1.2	18.9	21.9	826

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This product is a cable EN 50264-3-2 300 V MM S with a mica tape on the core.  
It is not described in EN 50264-1 and EN 50264-3-2 standards.

[www.omerin.com](http://www.omerin.com)

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.  
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