

CABLE SOLUTIONS
FOR ROLLING STOCK

VARPREN® RW

EN 50264-3-2 600V MM FR

Sheathed 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: 0.6 / 1 kV.
Test voltage: 3.5 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).
Fire resistance (EN 50200 or EN 50362).

Options

Other cross-sections or constructions on request.

Marking

OMERIN 332 - EN 50264-3-2 600V < cross-section > MM FR - EN 50200 PH120 - batch number - week/year

Item code	Nominal cross-section (mm ²)	Nominal insulation thickness (mm)	Nominal conductor diameter (mm)	Nominal sheath thickness (mm)	Cable outer diameter (mm)		Approx. linear weight (kg/km)
					Mini	Maxi	
379L0102	2 x 1.5	0.7	3.5	0.7	8.0	9.8	84
379L0202	3 x 1.5	0.7	3.5	0.7	8.5	10.3	111
379L0302	4 x 1.5	0.7	3.5	0.7	9.3	11.3	140
379L0402	2 x 2.5	0.7	3.9	0.7	8.7	10.7	109
379L0502	3 x 2.5	0.7	3.9	0.7	9.3	11.3	148
379L0602	4 x 2.5	0.7	3.9	0.7	10.2	12.4	188
379L0702	2 x 4	0.7	4.5	0.7	9.8	12.0	140
379L0802	3 x 4	0.7	4.5	0.7	10.4	12.7	192
379L0902	4 x 4	0.7	4.5	0.8	11.5	14.0	246
379L1002	2 x 6	0.7	5.1	0.8	11.1	13.4	197
379L1102	3 x 6	0.7	5.1	0.8	11.8	14.3	272
379L1202	4 x 6	0.7	5.1	1.0	13.0	15.7	350
379L1302	2 x 10	0.7	6.4	1.0	13.8	16.7	308
379L1402	3 x 10	0.7	6.4	1.0	14.7	17.9	429
379L1502	4 x 10	0.7	6.4	1.0	16.1	19.6	552
379L1602	2 x 16	0.7	7.5	1.0	15.7	19.2	434
379L1702	3 x 16	0.7	7.5	1.0	16.9	20.5	612
379L1802	4 x 16	0.7	7.5	1.2	18.5	22.6	793
379L1902	2 x 25	0.9	9.4	1.2	19.5	23.8	663
379L2002	3 x 25	0.9	9.4	1.2	20.8	25.5	938
379L2102	4 x 25	0.9	9.4	1.4	23.0	28.0	1218
379L2202	2 x 35	0.9	10.7	1.2	21.9	26.6	867
379L2302	3 x 35	0.9	10.7	1.2	23.4	28.6	1236
379L2402	2 x 50	1.0	12.3	1.4	25.1	30.7	1174
379L2502	3 x 50	1.0	12.3	1.4	26.9	32.8	1677

This product is a cable EN 50264-3-2 600 V MM with a mica tape on the core.
It is not described in EN 50264-1 and EN 50264-3-2 standards.

For this product, please contact :

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LES CABLES DE L'EXTREME

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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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