

UNIRAIL S – EN 50264-3-1 1800 V – type M

UNIKA (Italy) - EN 50264-3-1 1800 V 35 M - code



TECHNICAL DATA

Temperature rating up to and including 90°C

Very low temperatures resistance (-40°C)

Resistance to ozone, oils, fuels, acids and alkali

Bending radius: refer to EN 50343 table 16

Range of approval:

According to table 2 (cross-section 1,5 ÷ 400 mm²) of EN 50264-3-1 for cables rated 1800V (see IMQ test certificate)

Item n°	Cross-section [mm ²]	Diameter [mm]	Cable mass [kg/km]
RB101	1,5	5,3 ÷ 6,2	47
RB102	2,5	5,7 ÷ 6,7	58
RB103	4	6,2 ÷ 7,3	75
RB104	6	6,7 ÷ 7,8	97
RB105	10	7,5 ÷ 8,8	144
RB106	16	8,6 ÷ 10,0	201
RB107	25	9,9 ÷ 11,6	298
RB108	35	11,1 ÷ 13,0	386
RB109	50	12,5 ÷ 14,6	534
RB110	70	14,2 ÷ 16,6	717
RB111	95	16,0 ÷ 18,7	953
RB112	120	17,6 ÷ 20,6	1177
RB113	150	19,1 ÷ 22,3	1433
RB114	185	20,9 ÷ 24,4	1777
RB115	240	23,7 ÷ 27,5	2272
RB116	300	25,6 ÷ 30,1	2785
RB117	400	29,2 ÷ 34,2	3840

Out of the scope of the Standard.

Item n°	Cross-section [mm ²]	Diameter [mm]	Cable mass [kg/km]
RB118	0,50	5,0	35
RB120	0,75	5,2	40
RB119	1,0	5,4	45

Unless otherwise specified, all values are nominal, other values can be provided on request.
The images are made for the sole purpose of illustrating the product and are purely indicative.

CONSTRUCTION

Type: single core unsheathed cable

Conductor: tinned copper conductor according to class 5 EN 60228

Tape (optional): coloured tape for cross-section ≥ 16 mm²

Insulation: crosslinked compound, type EI109 according to Standard EN 50264-1, colour black or yellow-green if not otherwise stated

Marking: UNIKA (Italy) – EN 50264-3-1 1800V cross-section M – WW/YYYY - traceability code

Fire safety: hazard level HL3

according to Standard EN 45545-2 for indoor cables (EL1A) and outdoor cables (EL1B)

Add the following letter after the item number for colours different from black

C: yellow/green

Y: grey

B: blue

R: red

W: brown

H: white

X: class 6 conductor

A: orange

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