

# UNIRAIL S – EN 50264-3-1 600 V – type M – EN 50200

UNIKA (Italy) - EN 50264-3-1 600 V 6 M - EN 50200 PH120 - 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 1 (cross-section 1 ÷ 400 mm<sup>2</sup>) of EN 50264-3-1 for cables rated 600V (see IMQ test certificate) with fire resisting time not below 120 min

Item n°	Cross-section [mm <sup>2</sup> ]	Diameter [mm]	Cable mass [kg/km]
RB801	1	2,4 ÷ 2,8	17
RB802	1,5	2,8 ÷ 3,3	23
RB803	2,5	3,2 ÷ 3,8	33
RB804	4	3,8 ÷ 4,4	47
RB805	6	4,2 ÷ 5,0	67
RB806	10	5,1 ÷ 5,9	106
RB807	16	6,1 ÷ 7,2	158
RB808	25	7,8 ÷ 9,1	248
RB809	35	9,0 ÷ 10,6	331
RB810	50	10,6 ÷ 12,4	474
RB811	70	12,5 ÷ 14,6	655
RB812	95	13,9 ÷ 16,3	871
RB813	120	15,7 ÷ 18,4	1095
RB814	150	17,6 ÷ 20,6	1363
RB815	185	19,6 ÷ 22,9	1699
RB816	240	22,2 ÷ 26,0	2197
RB817	300	24,6 ÷ 28,8	2689
RB818	400	28,1 ÷ 32,9	3800

Out of the scope of the Standard.

Item n°	Cross-section [mm <sup>2</sup> ]	Diameter [mm]	Cable mass [kg/km]
RB819	0,50	2,2	10
RB820	0,75	2,4	13

## CONSTRUCTION

**Type:** single core cable unsheathed, fire resistant

**Conductor:** tinned copper conductor according to class 5 EN 60228

**Tape:** mica tape

**Insulation:** crosslinked compound, type EI109 according to Standard EN 50264-1, colour red if not otherwise stated

**Marking:** UNIKA (Italy) – EN 50264-3-1 600V *cross-section* M – EN 50200 PH120 - *traceability code*

**Fire safety:** Cables are classified in compliance to the highest requirements established by **hazard level HL3** into Standard EN 45545-2 for indoor cables (EL1A) and outdoor cables (EL1B)

Add the following letter after the item number for colours different from red  
**G:** yellow/green  
**Y:** grey  
**B:** blue  
**W:** brown  
**H:** white  
**K:** black

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