

UNIRAIL P – EN 50264-3-2 300 V – type MMS

UNIKA (Italy) – EN 50264-3-2 300 V 4x0,50 MMS - 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:

$(2 \div 25) \times 2 \times (0,25 \div 0,75) \text{ mm}^2$

(core number) $\times 2 \times$ (cross-section)

$(2 \div 25) \times 3 \times (0,25 \div 0,75) \text{ mm}^2$

(core number) $\times 3 \times$ (cross-section)

According to EN 50264-3-2:2008 (as far as applicable) and UNIKA technical specification ref. 108/2015 rev.2 2015 (see IMQ test certificate)

Item n°	Cross-section [mm ²]	Diameter [mm]	Cable mass [kg/km]
RB5022	2x0,25	4,6 ÷ 5,8	36
RB5032	3x0,25	4,8 ÷ 6,0	42
RB5042	4x0,25	5,2 ÷ 6,4	49
RB5052	5x0,25	5,6 ÷ 6,8	55
RB5062	6x0,25	6,1 ÷ 7,3	62
RB5072	7x0,25	6,3 ÷ 7,5	71
RB5092	9x0,25	7,4 ÷ 8,6	96
RB5122	12x0,25	8,2 ÷ 9,4	115
RB5182	18x0,25	9,7 ÷ 10,9	158
RB5242	24x0,25	11,6 ÷ 13,2	213
RB5372	27x0,25	11,8 ÷ 13,4	230
RB5322	32x0,25	12,8 ÷ 14,4	274
RB5362	36x0,25	13,3 ÷ 15,5	306
RB5402	40x0,25	13,7 ÷ 15,9	332
RB5642	64x0,25	16,5 ÷ 18,7	477
RB5024	2x0,50	5,1 ÷ 6,3	49
RB5034	3x0,50	5,3 ÷ 6,5	58
RB5044	4x0,50	5,8 ÷ 7,0	70
RB5054	5x0,50	6,3 ÷ 7,5	82
RB5064	6x0,50	7,0 ÷ 8,2	102
RB5074	7x0,50	7,2 ÷ 8,4	113
RB5084	8x0,50	7,9 ÷ 9,1	125

CONSTRUCTION

Type: multicore screened cable

Conductor: tinned copper conductor according to class 5 EN 60228

Insulation: crosslinked compound, type EI109 according to Standard EN 50264-1 (upon request compound type EI110).

Colours for cross-section from 0,5 mm²: black with numbers with or without yellow-green if not otherwise stated.

Colours for cross-section 0,25 mm²: DIN 47100

Tape: non-hygroscopic tape on the assembly

Screen: tinned copper wire braid with optional non-hygroscopic tape

Sheath: crosslinked compound, type EM104 according to Standard EN 50264-1, colour black if not otherwise stated

Marking: UNIKA (Italy) – EN 50264-3-2 300V (core number x cross-section) MMS – WW/YYYY - traceability code

Fire safety: hazard level HL3 according to Standard EN 45545-2 for indoor cables (EL1A) and outdoor cables (EL1B)

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.

Item n°	Cross-section [mm²]	Diameter [mm]	Cable mass [kg/km]
RB5094	9x0,50	8,3 ÷ 9,5	141
RB5124	12x0,50	9,2 ÷ 10,4	174
RB5144	14x0,50	10,2 ÷ 10,8	195
RB5184	18x0,50	10,9 ÷ 12,5	250
RB5244	24x0,50	13,3 ÷ 15,5	358
RB5374	27x0,50	13,5 ÷ 15,7	388
RB5324	32x0,50	14,5 ÷ 16,7	439
RB5364	36x0,50	15,0 ÷ 17,2	480
RB5404	40x0,50	15,5 ÷ 17,7	520
RB5644	64x0,50	18,9 ÷ 21,1	791
RB5025	2x0,75	5,5 ÷ 6,7	53
RB5035	3x0,75	5,8 ÷ 7,0	60
RB5045	4x0,75	6,3 ÷ 7,5	69
RB5055	5x0,75	7,0 ÷ 8,2	90
RB5065	6x0,75	7,6 ÷ 8,8	105
RB5075	7x0,75	7,8 ÷ 9,0	118
RB5085	8x0,75	8,3 ÷ 9,1	141
RB5095	9x0,75	9,0 ÷ 10,2	145
RB5125	12x0,75	10,0 ÷ 11,6	181
RB5185	18x0,75	11,9 ÷ 13,5	262
RB5245	24x0,75	14,5 ÷ 16,7	371
RB5375	27x0,75	14,7 ÷ 16,9	403
RB5325	32x0,75	15,8 ÷ 18,0	463
RB5365	36x0,75	16,4 ÷ 18,6	509
RB5405	40x0,75	17,0 ÷ 19,2	557
RB5645	64x0,75	20,7 ÷ 22,9	859

Add letter **G** after the item number for cables with yellow/green conductor

Add letter **D** after the item number for DIN 47100 cores identification for cross-section $\geq 0,50 \text{ mm}^2$

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