

UNIRAIL TW – EN 50306-4 300 V – type MMS (Table 5)

Multipair cables, individually screened and sheathed and with an overall sheath

UNIKA (Italy) – EN 50306-4 300 V 2x2x0,75 MMS - code



TECHNICAL DATA

Temperature rating up to and including 90°C

Very low temperatures resistance (-40°C)

Resistance to ozone, oils, acids and alkali

Bending radius: refer to EN 50343 table 16

Range of approval:

According to table TW4 of EN 50306-4 for cables rated 300V (see IMQ test certificate). Further constructions are available upon request.

Table TW4 – Multicore screened sheathed cables - Dimensional data

Item n°	Cable type n° cores x cross- section [mm ²]	Diameter exposed type [mm]	Diameter protected type [mm]
RM401	2x2x0,5	10,1÷11,3	9,0÷10,2
RM402	3x2x0,5	10,8÷12,0	9,6÷10,8
RM403	4x2x0,5	11,8÷13,0	10,7÷12,0
RM404	7x2x0,5	13,9÷15,5	13,0÷14,2
RM405	2x2x0,75	10,9÷12,1	9,8÷11,0
RM406	3x2x0,75	11,6÷13,0	10,5÷11,7
RM407	4x2x0,75	12,8÷14,3	11,6÷12,8
RM408	7x2x0,75	15,1÷16,9	14,0÷15,6
RM417	1x2x(1)	7,0÷8,0	6,2 ÷ 7,2
RM409	2x2x1	11,3÷12,5	10,2÷11,6
RM410	3x2x1	12,0÷13,5	10,9÷12,3
RM411	4x2x1	13,2÷14,7	12,1÷13,3
RM412	7x2x1	15,7÷17,3	14,6÷16,3
RM413	2x2x1,5	13,3÷14,5	12,2÷13,4
RM414	3x2x1,5	14,0÷15,6	13,1÷14,3
RM415	4x2x1,5	15,5÷17,1	14,3÷15,9
RM416	7x2x1,5	18,7÷20,5	17,6÷19,2

Add letter **E** for exposed installations or **P** for protected installations at the end of the item number

CONSTRUCTION

Conductor: tinned copper conductor according to table TW1

Insulation: double layer of special compound

Identification: numbered white cores (other identification methods may be agreed)

Pairing: cores are twisted in pairs

Pair screen: tinned wire braid

Pair sheath: cross-linked compound, black numbered

Laying up: sheathed pairs are stranded together

Sheath: cross-linked compound type EM104 according to EN 50306-1

Marking: UNIKA (Italy) – EN 50306-4 "5n" (n°pairs)x(cross-section) MMS 90 – WW/YYYY - traceability code
n: E for exposed installations or P for protected installations

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

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