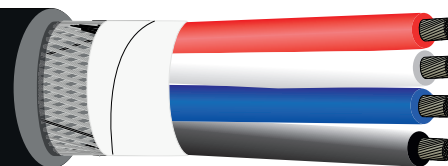


UNIRAIL TW – EN 50306-4 300 V – type MMS (Table 3)

Multicore screened cables, standard wall sheathed

UNIKA (Italy) – EN 50306-4 300 V 4x2,5 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 TW5 of EN 50306-4 for cables rated 300V (see IMQ test certificate) and HITACHI specification 211NW50283B. Further constructions are available upon request.

Table TW5 – Multipair cables, individually screened and sheathed with an overall sheath - Dimensional data

Item n°	Cable type n° cores x cross-section [mm²]	Diameter exposed type [mm]	Diameter protected type [mm]	Item n°	Cable type n° cores x cross-section [mm²]	Diameter exposed type [mm]	Diameter protected type [mm]
RM301	2x0,5	5,5÷6,5	4,1÷5,3	RM311	2x1	6,2÷7,2	4,7÷5,9
RM302	3x0,5	5,7÷6,7	4,3÷5,5	RM312	3x1	6,5÷7,5	5,1÷6,2
RM303	4x0,5	6,1÷7,1	4,7÷5,9	RM313	4x1	6,9÷7,9	5,5÷6,7
RM342	5x0,5	6,2÷7,2	5,1÷6,1	RM314	6x1	8,0÷9,0	6,6÷7,9
RM304	6x0,5	6,9÷7,9	5,5÷6,8	RM315	8x1	8,6÷9,8	7,7÷9,0
RM305	8x0,5	7,5÷8,5	6,0÷7,3	RM331	12x1	9,5 ÷ 10,7	9,0 ÷ 10,2
RM324	10x0,5	7,7 ÷ 8,7	7,2 ÷ 8,2	RM316	2x1,5	7,1÷8,1	5,7÷6,9
RM339	12x0,5	8,2 ÷ 9,2	7,5 ÷ 8,5	RM317	3x1,5	7,4÷8,4	6,0÷7,2
RM306	2x0,75	5,9÷6,9	4,5÷5,7	RM318	4x1,5	8,0÷9,0	6,6÷7,8
RM307	3x0,75	6,2÷7,2	4,7÷5,9	RM319	6x1,5	9,2÷10,4	8,3÷9,6
RM308	4x0,75	6,5÷7,5	5,2÷6,4	RM320	8x1,5	10,2÷11,4	8,9÷10,4
RM309	6x0,75	7,5÷8,5	6,1÷7,4	RM337_M	10x1,5	10,9÷12,1	10,0÷11,0
RM338	7x0,75	8,0÷9,0	6,5÷7,5	RM340	30x1,5	16,0÷17,2	15,0÷16,0
RM310	8x0,75	8,2÷9,2	6,6÷7,9	RM321	2x2,5	8,3÷9,3	7,3÷8,5
RM336	12x0,75	9,6÷10,6	8,5÷9,5	RM322	3x2,5	8,6÷10,2	7,7÷8,9
RM341	16x0,75	9,9÷10,9	9,1÷10,1	RM323	4x2,5	9,4÷10,6	8,4÷9,8
RM335	18x0,75	10,6 ÷ 11,8	9,8 ÷ 10,8				

Add letter **E** for exposed installations or **P** for protected installations at the end of the item number (or replace _ with **E** or **P**)

Add letter **F** for fire resistant version

CONSTRUCTION

Conductor: tinned copper conductor according to table TW1

Insulation: double layer of special compound

Identification: white, red, black, blue, brown, orange, grey, white/red (other identification methods may be agreed). Starting from 9 cores: numbered white cores

Laying-up: cores are twisted together in pair with optional non-hygroscopic tape

Screen: tinned copper wire braid

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

Laying-up: pairs are twisted together with optional fillers and non-hygroscopic tape

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

Marking: UNIKA (Italy) – EN 50306-4 300V “3n” (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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