

UNIRAIL TW – EN 50306-3 300 V – type MMS

Single core and multicore cables, screened and thin wall sheathed

UNIKA (Italy) – EN 50306-3 300 V 4x1,5 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 TW2 of EN 50306-3 for cables rated 300V (see IMQ test certificate)

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)

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

Screen: tinned copper wire braid

Sheath: cross-linked compound type S2 according to EN 50306-1 for rated temperature 90°C, colour black

Marking: UNIKA (Italy) – EN 50306-3 300V (n°cores)x(cross-section) MMS 90 – WW/YYYY - traceability code

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

Table TW2 - Dimensional data

Item n°	Conductor n° wires x cross- section [mm²]	Diameter [mm]	Item n°	Conductor n° wires x cross- section [mm²]	Diameter [mm]
RM501	1x0,5	2,3÷2,9	RM512	4x1	5,0÷6,2
RM502	2x0,5	3,5÷4,4	RM528	6x1	6,3÷7,3
RM503	3x0,5	3,7÷4,7	RM524	7x1	6,4÷7,4
RM504	4x0,5	4,0÷5,2	RM529	8x1	7,5÷8,5
RM521	6x0,5	5,5÷6,5	RM513	1x1,5	3,1÷3,6
RM525	8x0,5	6,1÷7,1	RM514	2x1,5	5,1÷6,1
RM522	16x0,5	7,5÷8,5	RM515	3x1,5	5,4÷6,4
RM505	1x0,75	2,5÷3,1	RM516	4x1,5	6,0÷7,0
RM506	2x0,75	3,9÷4,8	RM523	5x1,5	6,6÷7,6
RM507	3x0,75	4,0÷5,2	RM530	6x1,5	7,3÷8,3
RM508	4x0,75	4,5÷5,7	RM531	8x1,5	8,5÷9,5
RM526	6x0,75	6,1÷7,1	RM517	1x2,5	3,6÷4,5
RM527	8x0,75	7,3÷8,3	RM518	2x2,5	6,4÷7,5
RM509	1x1	2,7÷3,3	RM519	3x2,5	6,8÷8,0
RM510	2x1	4,2÷5,3	RM520	4x2,5	7,5÷8,7
RM511	3x1	4,5÷5,7			

Unless otherwise specified, all values are nominal, other values can be provided on request.
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