

UNIRAIL TW – EN 50306-2 300 V – type M

Single core cable

UNIKA (Italy) - EN 50306-2 300 V 1 M - code



TECHNICAL DATA

Temperature rating up to and including 105°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 TW1 (cross-section 0,5 ÷ 2,5 mm²) of EN 50306-2 for cables rated 300V (see IMQ test certificate) and HITACHI specification 211NW50282B

Table TW1 - dimensional data

Item n°	Cross-section [mm²]	Conductor n° wires x wire diameter [mm]	Diameter [mm]
RM006 ⁽¹⁾	0,34	19x0,15	1,15÷1,31
RM001	0,5	19x0,18	1,15÷1,45
RM002	0,75	37x0,16	1,35÷1,65
RM003	1	37x0,18 ⁽²⁾	1,40÷1,80
RM004	1,5	37x0,23 ⁽²⁾	1,90÷2,30
RM005	2,5	37x0,30 ⁽²⁾	2,45÷2,85

Note (1): out of the scope of the standard

Note (2): conductors with 19 wires are allowed

CONSTRUCTION

Conductor: tinned copper conductor according to table TW1

Insulation: double layer of special compound

Marking: UNIKA (Italy) – EN 50306-2 300V cross-section M – WW/YYYY - traceability code

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

Add the following letter after the item number for colours different from white

G: yellow/green

Y: grey

B: blue

R: red

W: brown

K: black

V: greengreen

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