

# 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 mm<sup>2</sup>) of EN 50306-2 for cables rated 300V (see IMQ test certificate) and HITACHI specification 211NW50282B

Table TW1 - dimensional data

Item n°	Cross-section [mm <sup>2</sup> ]	Conductor n° wires x wire diameter [mm]	Diameter [mm]
RM001	0,5	19x0,18	1,15÷1,45
RM002	0,75	37x0,16 <sup>(1)</sup>	1,35÷1,65
RM003	1	37x0,18 <sup>(1)</sup>	1,45÷1,80
RM004	1,5	37x0,23 <sup>(1)</sup>	1,95÷2,30
RM005	2,5	37x0,30 <sup>(1)</sup>	2,50÷2,85

Note (1): 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 – traceability code

**Fire safety:** Cables are classified in compliance to the highest requirements established by hazard level HL3 into 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**

**C: yellow/green**

**Y: grey**

**B: blue**

**R: red**

**W: brown**

**K: black**

**V: green**

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