

UNIRAIL HT – EN 50382-2 3600 V 150°C - type F

UNIKA (Italy) - EN 50382-2 3600 V 10 F 150°C - code

TECHNICAL DATA

Temperature rating up to and including 150°C

Very low temperatures resistance (-40°C)

Resistance to ozone, oils, acids and alkali

Enhanced abrasion and tear resistance and enhanced thermal aging for long term (beyond 20000h at 170°C) according to the TRENITALIA specification and principal OEMs requests

Bending radius: fixed ≥ 3 outer diameter, flexible ≥ 5 outer diameter

Range of approval:

According to table 3 (cross-section $2,5 \div 400 \text{ mm}^2$) of EN 50382-2 for cables rated 3600V (see IMQ test certificate)

Item n°	Cross-section [mm ²]	Diameter without braid [mm]	Cable mass [kg/km]
RA901	2,5	7,6 ÷ 8,9	84
RA902	4	8,1 ÷ 9,5	102
RA903	6	9,0 ÷ 10,6	124
RA904	10	9,5 ÷ 11,1	170
RA905	16	10,5 ÷ 12,3	241
RA906	25	11,8 ÷ 13,8	329
RA907	35	13,0 ÷ 15,2	422
RA908	50	14,4 ÷ 16,9	571
RA909	70	16,1 ÷ 18,9	760
RA910	95	17,5 ÷ 20,5	984
RA911	120	19,3 ÷ 22,6	1216
RA912	150	20,8 ÷ 24,4	1474
RA913	185	22,6 ÷ 26,5	1810
RA914	240	25,4 ÷ 29,8	2326
RA915	300	27,7 ÷ 32,4	2780
RA916	400	30,8 ÷ 36,0	3610

CONSTRUCTION

Type: single core unsheathed cable

Conductor: tinned copper conductor according to class 5 EN 60228

Screening separator: semiconductive black tape

Insulation: silicon rubber compound, type EI111 according to Standard EN 50382-1, colour black if not otherwise stated

Textile braid: available upon request

Marking: UNIKA (Italy) – EN 50382-2 3600V cross-section F 150°C – WW/YYYY - traceability code

Fire safety: hazard level HL3

according to Standard EN 45545-2 for indoor cables (EL1A) and outdoor cables (EL1B)

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