

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

UNIKA (Italy) - EN 50382-2 3600 V 70 FX 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 4 (cross-section $50 \div 185 \text{ mm}^2$) of EN 50382-2 for cables rated 3600V (see IMQ test certificate)

Item n°	Cross-section [mm ²]	Diameter [mm]	Cable mass [kg/km]
RA907X*	35	13,0 ÷ 15,2	465
RA908X	50	15,2 ÷ 17,8	580
RA909X	70	16,9 ÷ 19,8	770
RA910X	95	18,3 ÷ 21,4	995
RA911X	120	20,1 ÷ 23,5	1240
RA912X	150	21,6 ÷ 25,3	1485
RA913X	185	23,4 ÷ 27,4	1830
RA914X	240	26,2 ÷ 27,4	2400

* Out of the scope of the standard

CONSTRUCTION

Type: single core unsheathed cable

Conductor: tinned copper conductor according to class 6 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 FX 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)

Cables are suitable for flexible installations (e.g. Jumper cables)

The characteristics of the products, described in the data sheet, do not constitute any contractual binding. UNIKA spa reserves the right to change the specifications without any notice. Partial or total reproduction of this document is forbidden.