

UNIRAIL HT – EN 50382-2 600 V 150°C - type FX



UNIKA (Italy) - EN 50382-2 600 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:

In compliance with EN 50382-2 (see IMQ test certificate)

Item n°	Cross-section [mm ²]	Diameter [mm]	Cable mass [kg/km]
RAD00*	0,60	2,6	12
RAD06	16	10,1	220
RAD07	25	10,7	280
RAD08	35	12,1	410
RAD09	50	13,8	540
RAD10	70	15,6	770
RAD11	95	17,0	975
RAD12	120	18,5	1220
RAD13	150	20,6	1460
RAD14	185	25,5	2240

CONSTRUCTION

Type: single core transparent cable

Conductor: tinned copper conductor according to class 6 EN 60228 for section ≥ 16 mm², class 5 for section < 16 mm²

Tape (optional): polyester or other non-hygroscopic transparent tape

Insulation: silicon rubber compound, type EI111 according to Standard EN 50382-1, transparent or other colour

Marking: UNIKA (Italy) – EN 50382-2 600V *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)

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