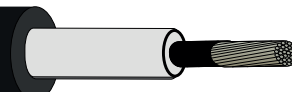


UNIRAIL HT – EN 50382-2 3600 V 150°C - type FF

UNIKA (Italy) - EN 50382-2 3600 V 50 FF 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 5 (cross-section 2,5 ÷ 400 mm²) of EN 50382-2 for cables rated 3600V (see IMQ test certificate)

Item n°	Cross-section [mm ²]	Diameter [mm]	Cable mass [kg/km]
RAB01	2,5	9,9 ÷ 11,6	122
RAB02	4	10,4 ÷ 12,2	143
RAB03	6	10,9 ÷ 12,8	167
RAB04	10	11,8 ÷ 13,8	217
RAB05	16	12,8 ÷ 15,0	291
RAB06	25	14,7 ÷ 17,2	403
RAB07	35	15,9 ÷ 18,6	503
RAB08	50	17,5 ÷ 20,5	668
RAB09	70	19,2 ÷ 22,4	867
RAB10	95	20,8 ÷ 24,3	1110
RAB11	120	22,4 ÷ 26,2	1343
RAB12	150	24,1 ÷ 28,2	1621
RAB13	185	26,4 ÷ 30,9	2004
RAB14	240	29,4 ÷ 34,4	2555
RAB15	300	31,7 ÷ 37,1	3070
RAB16	400	35,0 ÷ 40,9	3970

CONSTRUCTION

Type: single core sheathed 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 white if not otherwise stated

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

Sheath: silicon rubber compound, type EM107 according to Standard EN 50382-1, colour black if not otherwise stated

Marking: UNIKA (Italy) – EN 50382-2 3600V cross-section FF 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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