

Electric cables with halogen free cross linked insulation

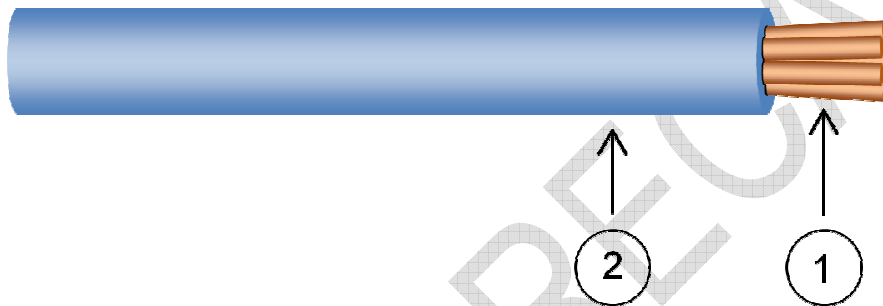
DESCRIPTION

Single core non-sheathed electric cables with cross-linked halogen free insulation. These cables are suitable for inner wiring and fixed installation.

Construction according to standard EN 50525-3-41 (HD 22.9)

CONSTRUCTION

- 1 - Conductor: Stranded bare copper class 2 a/EN 60228
- 2 - Insulation: Cross linked halogen free compound type EI5 a/EN 50363-5
 Colours: black, blue, brown, grey, orange, pink, red, turquoise, violet, white and green/yellow.





TECHNICAL SPECIFICATIONS

- Rated voltage: 450 / 750 V
- Test voltage: 2.500 V
- Operating temperature: -15°C to +90°C
- Maximum short-circuit temperature: 250°C (max. 5 s)
- Bending radius: 5 ∅

BEHAVIOUR AGAINST FIRE

TESTS	STANDARDS	VALUE
Flame retardant	EN 60332-1-2, IEC 60332-1	Complies
Low smoke emission (transmittance > 60%)	EN 61034-2, IEC 61034-2	Complies
Halogen free (HCl)	EN 50267-2-1, IEC 60754-1	Complies
Determination of degree of acidity of gases	EN 50267-2-3, IEC 60754-2	pH ≥ 4,3 Conductivity ≤ 100 µS/cm

	<p style="text-align: center;">H07Z-R AENOR reg N° 042/000959 - <HAR> reg N° HAR/000635 EC Low Voltage Directive 2006/95/CE</p>		<p style="text-align: center;">ETP-50 Ed. 02/2015 Rev. 3</p>
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DATA AND DIMENSIONS

Dimensions and weights are approximates, subject to small variations due to process. Other sizes are possible on request.

CROSS SECTION mm ²	RESISTANCE (Max. at 20°C) Ω/km	INSULATION THICKNESS mm	OUTER Ø mm	WEIGHT Kg/km
1x1.5	12,1	0,7	3,0	20,4
1x2.5	7,41	0,8	3,6	33,0
1x4	4,61	0,8	4,2	47,8
1x6	3,08	0,8	4,6	65,7
1x10	1,83	1,0	5,8	109
1x16	1,15	1,0	6,8	163
1x25	0,727	1,2	8,4	256
1x35	0,524	1,2	9,6	351
1x50*	0,387	1,4	11,3	478
1x70*	0,268	1,4	14,0	748
1x95*	0,193	1,6	15,8	946
1x120*	0,153	1,6	16,2	1.130

*Cross section not included in the license AENOR <HAR>