

EUROCAVI EUROPE

S.P.R.L.
 Avenue Louise, 265 Bte 5 - B-1050 Bruxelles
 Belgium
 Tél. 02/647 69 67 - Fax: 02/647 82 34
 TVA: BE 0427.543.237

TECHNICAL SPECIFICATION AT(Iszh)OX FLEX-CH Cable

Italian Conductors, Wires & Cables

CABLE DESCRIPTION

Conductor: Flexible bare copper acc. To IEC 60228 Cl. 5

Insulation: Silicone EI2 acc.to EN50363-1

Colour code: black numbered with yellow/green or acc. to DIN 47100

Assembly: conductors twisted with polyester tape

Screen: tinned copper braid coverage 70%

Sheath: Thermoplastic halogen-free, fire-retardant sheathing LSOH compound Green Ral 6011 Type M1

Marking: EUROCAVI AT(Iszh)OX FLEX-CH n x size LSZH CE n°week/year "metric numbering"

Temperature range: -5°C up to +70°C

Working voltage: 300/500 V

Test voltage: 1500 V (AC)

Standards:

EN 50267-2-3: Acidity of gasses
 EN 61034-2: Smoke density
 IEC 60332-3-24: No flame propagation cat. C
 IEC 60332-1-2: Flame retardant
 IEC 60331-11-21: Circuit integrity E90

DIMENSIONAL CHARACTERISTIC

Number of conductors	Section (mm ²)	N°/Diameter of wires (mm)	Insulation thickness (mm)	∅ conductors (mm)	Outer ∅ (mm)	Cu weight (kg/km)	Approx Cable weight (kg/km)
2	0.50	0.20	0.55	2.10±0.05	6.50±0.30	20.60	61.00
3					7.00±0.30	26.40	72.00
4					7.50±0.30	32.20	81.00
10					10.70±0.30	69.00	159.00
18					13.00±0.30	112.40	215.00

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2	0.75	24/0.20	0.60	2.40±0.05	7.30±0.30	27.40	128.00
3					7.70±0.30	35.10	157.00
4					8.30±0.30	43.80	201.00
10					12.00±0.30	96.00	237.00
16					13.60±0.30	156.60	268.00
2	1.00	32/0.20	0.60	2.50±0.05	7.50±0.30	32.20	80.00
3					7.90±0.30	43.80	88.00
2	1.50	30/0.25	0.60	2.80±0.05	8.10±0.30	43.80	91.00
3					8.50±0.30	59.20	112.00
7					10.90±0.30	122.80	206.00
2	2.50	50/0.25	0.70	3.40±0.05	9.30±0.30	66.00	128.00
3					9.80±0.30	91.0	157.00

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TECHNICAL DEPT.	Napoli Giuseppe