

TECHNICAL SPECIFICATION AT(Iszh)OX Flex Cable

Italian Conductors, Wires & Cables

CABLE DESCRIPTION

Conductor: Flexible bare copper acc. to VDE 0295 – IEC 60228 cl. 5

Insulation: Silicone EI2 acc.to EN50363-1

Colour code: black numbered with yellow/green

Assembly: conductors twisted

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

Marking: EUROCAVI AT(Iszh)OX Flex nxsize 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 CHARACTERISTICS

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	16/0.20	0.55	2.10±0.05	6.20±0.30	9.60	36.00
3					6.50±0.30	14.40	42.00
4					7.00±0.30	19.20	55.00
10					10.20±0.30	48.00	112.00
18					12.30±0.30	86.40	189.00

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2	0.75	24/0.20	0.60	2.40±0.05	6.80±0.30	14.40	47.00
3					7.20±0.30	21.60	56.00
4					7.80±0.30	28.80	83.00
10					11.40±0.30	72.00	149.00
16					13.10±0.30	115.20	226.00
2	1.00	32/0.20	0.60	2.50±0.05	7.00±0.30	19.20	55.00
3					7.40±0.30	28.80	67.00
2	1.50	30/0.25	0.60	2.80±0.05	7.60±0.30	28.80	72.00
3					8.00±0.30	43.20	88.00
7					10.40±0.30	100.80	174.00
2	2.50	50/0.25	0.70	3.40±0.05	8.80±0.30	48.00	110.00
3					9.30±0.30	72.00	137.00

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