

YSLYCY-JZ,OZ 0,6/1kV

Based on IEC 60502-1
TT1-7428v4 08-12-2020



PVC insulated and PVC sheathed, screened flexible cable



CONSTRUCTION	
Conductors:	annealed copper conductor flexible class 5 acc. to EN 60228
Insulation:	special PVC compound type T12
Inner sheath:	special PVC compound
Screen:	tinned copper wire braid, coverage min 85%
Thickened sheath:	special PVC compound type TM2

CHARACTERISTIC	
Colour of sheath:	Black, grey, orange
Core identification:	YSLYCY-JZ: one core green-yellow, all other cores black with continuous numbering YSLYCY-OZ: all cores black with continuous numbering
Maximum conductor operating temperature:	+70°C
Lowest ambient temperature for fixed installation:	-40°C
Lowest installation temperature:	-5°C
Maximum short-circuit conductor temperature:	+ 150°C
Minimum bending radius:	7,5 x D, D – overall diameter of cable
Flame retardant:	IEC 60332-1-2
Standard length cable packing	500 or 1000m on drums. Other forms of packing and delivery are available on request

Number and cross-sectional area of conductor	Nominal thickness of insulation	Nominal thickness of sheath		Approximate overall diameter	Approximate net weight of cables	Maximum conductor resistance at temperature 20°C
		Inner	Outer			
n x mm ²	mm	mm	mm	mm	kg/km	Ω/km
2 x 1	0.8	1.0	1.8	11.8	181	19.5
3 x 1.5	0.8	1.0	1.8	12.9	232	13.3
3 x 2.5	0.8	1.0	1.8	13.9	284	7.98
4 x 1	0.8	1.0	1.8	12.9	229	19.5
4 x 2.5	0.8	1.0	1.8	14.8	324	7.98
5 x 1.5	0.8	1.0	1.8	14.6	303	13.3
5 x 2.5	0.8	1.0	1.8	16.1	394	7.98
25 x 1	0.8	1.0	1.8	23.6	767	19.5

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