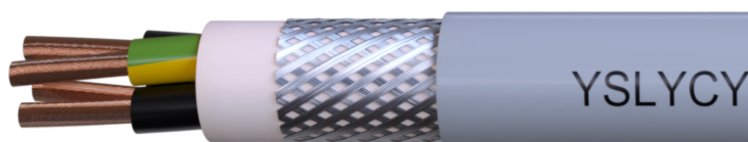


YSLYCY 300/500 V

PVC Control Cable with Copper Braiding



Application

Suitable as a signal and impulse cable in the control, measuring and signal technology. The copper braiding optimises protection against external interferences, like electromagnetic fields and stray frequencies.

Construction

Conductor material	Copper: Class 5 fine stranded according to EN 60228
Insulation	Polyvinylchloride (PVC)
Inner sheath	Polyvinylchloride (PVC)
Braiding	Tinned round copper wires
Outer sheath	Polyvinylchloride (PVC), Grey, increased oil resistant

Standards and Certifications

DIN VDE 0281 ; DIN EN 60228 class 5 (construction)

Core Identification

JZ: One core green/yellow, other cores are black with figures

OZ: Every core is black with figures

JB: Colours accordance with HD 308 standard with green yellow

OB: Colours accordance with HD 308 standard without green yellow

Fire classification CPR class

Reaction to fire EN 60332-1-2 - Eca

YSLYCY 300/500V - PVC Control Cable with Copper Braiding

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Technical Data

Nominal voltage U ₀ /U	[V]	300 / 500 V
Test voltage	[V]AC	2000
Temperature range	in motion °C	-5°C till +70°C
	fixed °C	-30°C till +70°C
Operating temperature	short circuit °C	150°C
Short circuit time	max. [sec]	5
Bending radius	one time/fixed x diameter	10
	in motion x diameter	20

Number of cores x Cross- section	Overall diameter (approx.) [mm]	Weight (approx.) [kg/km]	Maximum electrical resistance at 20° C [Ω/km]
2 x 0.75	6.8	84	26
3 x 0.75	7.1	90	26
2 x 1	7.1	94	19.5
3 x 1	7.4	124	19.5
7 x 1	9.3	203	19.5
12 x 1	12.7	323	19.5
3 x 1.5	8.0	156	13.3
4 x 1.5	8.8	173	13.3
5 x 1.5	9.8	204	13.3
7 x 1.5	10.8	245	13.3
4 x 2.5	10.9	230	7.98
4 x 4	12.6	397	4.98
4 x 10	19.4	752	1.91

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