

Control cable

YSLY 600



Application: Flexible power, process control and instrumentation cable for industry, machinery and outdoor environment. The cable is resistant to UV-irradiation, to most commonly used chemicals and to oil and grease. Not suitable for constant motion.

Construction and technical data:

CPR-performance:	Eca
Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	PVC
Sheathing material:	special PVC-compound
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Maximum temperature at conductor, °C:	70 °C
Permitted outer cable temperature, fixed, °C:	-40 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +70 °C
Bending radius, fixed installation:	4 x Ø



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

YSLY-JZ 600

Nominal voltage U₀:	0.6 kV
Nominal voltage U:	1 kV
Test voltage:	4 kV
Protective conductor:	yes
Core identification:	green-yellow + numbers

part no.	part name	RI [Ohm/km]	Rbv [mm]	Ø [mm]	Cu [kg/km]	G [kg/km]
033581	03X0,75 SW	26	35	8.7	22	91
033582	04X0,75 SW	26	37	9.2	29	120
033583	05X0,75 SW	26	40	9.9	36	134
033585	07X0,75 SW	26	44	11.1	50,4	177

part no.	part name	RI [Ohm/km]	Rbv [mm]	Ø [mm]	Cu [kg/km]	G [kg/km]
033589	12X0,75 SW	26	54	13.4	86,4	248
033592	18X0,75 SW	26	62	15.6	130	350
033595	25X0,75 SW	26	76	18.9	180	478
033597	34X0,75 SW	26	86	21.5	245	626
033601	42X0,75 SW	26	93	23.3	302,4	760
033602	50X0,75 SW	26	102	25.6	360	871
033603	61X0,75 SW	26	113	28.2	439,2	1060
033608	03X1 SW	19.5	36	9	29	98
033609	04X1 SW	19.5	38	9.6	38,4	110
033610	05X1 SW	19.5	42	10.4	48	136
033612	07X1 SW	19.5	48	12.1	67,2	179
033615	10X1	19.5	56	14.1	96	268
033616	12X1 SW	19.5	58	14.5	115,2	287
033619	18X1 SW	19.5	69	17.3	173	408
033623	25X1 SW	19.5	84	21.1	240	567
033626	34X1 SW	19.5	96	24	326,4	751
033633	50X1 SW	19.5	114	28.5	480	1076
033640	03X1,5 SW	13.3	40	10.1	43,2	100
033641	04X1,5 SW	13.3	43	10.8	58	139
033477	05X1,5 SW	13.3	47	11.7	72	176
032045	07X1,5 SW	13.3	54	13.5	101	192
033647	12X1,5 SW	13.3	66	16.6	173	363
031832	18X1,5 SW	13.3	79	19.7	259,2	520
033653	25X1,5 SW	13.3	96	23.9	360	740
033660	61X1,5 SW	13.3	147	36.8	878,4	1680
037082	90X1,5 SW	13.3	154	38.5	1296	2395
033665	03X2,5 SW	7.98	45	11.3	72	156
033666	04X2,5 SW	7.98	49	12.2	96	209
033478	05X2,5 SW	7.98	53	13.3	120	252
033667	07X2,5 SW	7.98	61	15.2	168	335
033669	12X2,5 SW	7.98	75	18.7	288	544
033671	18X2,5 SW	7.98	88	22	432	788
033673	25X2,5 SW	7.98	108	26.9	600	1101
033680	03X4 SW	4.95	50	12.6	115,2	225
033681	04X4 SW	4.95	56	14	154	311
033682	05X4 SW	4.95	61	15.3	192	398
033683	07X4 SW	4.95	67	16.8	269	524
033686	03X6 SW	3.3	57	14.2	173	325
033687	04X6 SW	3.3	63	15.7	230,4	429
033688	05X6	3.3	72	17.9	288	602
033689	07X6 SW	3.3	79	19.7	403,2	802
033690	03X10 SW	1.91	75	18.7	288	655
033691	04X10 SW	1.91	78	19.5	384	737
033692	05X10 SW	1.91	92	23	480	812
033693	07X10 SW	1.91	100	25	672	1293
033694	03X16 SW	1.21	79	19.7	461	695
033695	04X16 SW	1.21	88	21.9	614,4	981
033479	05X16 SW	1.21	108	27	768	1384
033696	07X16 SW	1.21	123	30.8	1075	1873
033698	04X25 SW	0.78	120	30	960	1493
033699	05X25 SW	0.78	135	33.8	1200	1842
033700	07X25 SW	0.78	199	49.7	1680	2850
033702	04X35 SW	0.554	132	30	1344	2032
033703	05X35 SW	0.554	148	36.9	1680	2491
033705	04X50 SW	0.386	160	36	1920	2556

part no.	part name	RI [Ohm/km]	Rbv [mm]	Ø [mm]	Cu [kg/km]	G [kg/km]
033706	05X50 SW	0.386	168	40	2400	3645
033708	04X70 SW	0.272	184	42	2736	4050
033709	05X70 SW	0.272	188	46.5	3360	5807
033711	04X95 SW	0.206	165	46	3648	5246
033712	05X95 SW	0.206	220	55	4560	6791
037081	05X120 SW	0.161	233	58.2	5760	7684
033713	04X120 SW	0.161	260	65	4608	6589
033714	04X150 SW	0.129	268	67	5760	8252
033715	04X185 SW	0.106	272	68	7104	9788

YSLY-OZ 600

Nominal voltage Uo:	0.6 kV
Nominal voltage U:	1 kV
Test voltage:	4 kV
Protective conductor:	no
Core identification:	numbers

part no.	part name	RI [Ohm/km]	Rbv [mm]	Ø [mm]	Cu [kg/km]	G [kg/km]
033554	02X0,5 SW	39	28	7	9,6	66
033580	02X0,75 SW	26	33	8.3	14,4	81
034936	03X0,75 SW	29	35	8.7	22	91
033607	02X1 SW	19.5	34	8.6	19,2	84
033734	03X1 SW	19.5	36	9	29	98
033639	02X1,5 SW	13.3	38	9.6	29	95
033733	03X1,5 SW	13.3	40	10.1	43,2	100
033664	02X2,5 SW	7.98	43	10.8	48	160
034979	03X2,5 SW	7.98	40	10.1	72	156
034980	04X2,5 SW	7.98	49	12.2	96	209
033679	02X4 SW	4.95	46	11.4	77	178

Y-JB 600

Nominal voltage Uo:	0.6 kV
Nominal voltage U:	1 kV
Test voltage:	4 kV
Protective conductor:	yes
Core identification:	colours acc. to VDE 0293 (HD308)

part no.	part name	RI [Ohm/km]	Rbv [mm]	Ø [mm]	Cu [kg/km]	G [kg/km]
037045	07X1 SW	19.5	49	12.1	67,2	179
031830	03X1,5 SW	13.3	41	10.1	43,2	95
031829	04X1,5 SW	13.3	39	9.5	58	155
035963	03X35 SW	0.554	124	31	1008	1885
035964	03X50 SW	0.386	144	35.9	1440	2700
036314	05X50 GR	0.386	156	39	2400	3800

RI	Conductor resistance
Rbv	Bending radius, fixed installation
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight