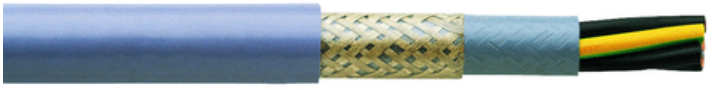
Screened control cable
YSLYCY-JZ/-OZ/-JB

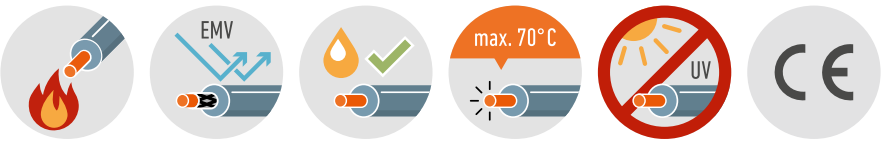


CPR-performance:	Eca
Conductor material:	copper, bare
Conductor class:	class 5 = fine stranded
Insulation:	PVC YI2
Material inner sheath:	PVC
Screen:	copper braid, tinned
Screen coverage:	70 %
Sheathing material:	PVC YM2
Colour outer sheath:	grey RAL 7001
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Maximum permitted conductor temperature:	70 °C
Permitted outer cable temperature, fixed:	-40 - +70 °C
Permitted outer cable temperature, in motion/ during installation:	-5 - +70 °C
Bending radius, fixed installation:	6 x DA
Bending radius, moving application:	20 x DA

	YSLYCY-JZ	*YSLYCY-OZ*	*YSLYCY-JB*
Nominal voltage Uo:	300 V	300 V	300 V
Nominal voltage U:	500 V	500 V	500 V
Test voltage:	2 kV	2 kV	2 kV
Protective conductor:	yes	no	yes
Core identification:	green-yellow + numbers	numbers	colours acc. to VDE 0293 (HD308)

Application: Universally applicable: Flexible power, process control and instrumentation cable for industry and machinery environment with increased electromagnetic compatibility requirements for indoor applications. For installation in dry and damp rooms. The cable is oil-resistant.

Additional information: Note: Please check also the UV-resistant version CY-JZ 600.



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.

Table: Technical characteristics YSLYCY-JZ

p/n	part name	D_A [mm]	G [kg/km]	Cu [kg/km]
035257	YSLYCY-JZ 04X0,5 GR	7,6	116	46,2
035258	YSLYCY-JZ 05X0,5 GR	8,1	139	55

p/n	part name	D_A [mm]	G [kg/km]	Cu [kg/km]
035259	YSLYCY-JZ 18X0,5 GR	12,6	353	145,3
030421	YSLYCY-JZ 03X0,75 GR	7,7	145	69,2
030422	YSLYCY-JZ 04X0,75 GR	8,2	163	87
030436	YSLYCY-JZ 05X0,75 GR	9,4	183	95,1
030423	YSLYCY-JZ 07X0,75 GR	9,6	233	111
030437	YSLYCY-JZ 12X0,75 GR	12,5	384	180,2
030438	YSLYCY-JZ 18X0,75 GR	14,1	492	243
030439	YSLYCY-JZ 25X0,75 GR	16,1	671	312
030440	YSLYCY-JZ 34X0,75 GR	18,2	822	413
030532	YSLYCY-JZ 42X0,75 GR	20	1002	445
030562	YSLYCY-JZ 50X0,75 GR	21,6	1154	535
030577	YSLYCY-JZ 61X0,75 GR	23,8	1435	619,8
030424	YSLYCY-JZ 03X1 GR	8,3	156	77
030425	YSLYCY-JZ 04X1 GR	8,6	178	97
030443	YSLYCY-JZ 05X1 GR	9,3	209	108
030444	YSLYCY-JZ 07X1 GR	10,1	255	128,3
030445	YSLYCY-JZ 12X1 GR	13	426	210
030446	YSLYCY-JZ 18X1 GR	14,9	552	286
030447	YSLYCY-JZ 25X1 GR	17,2	766	388,5
030448	YSLYCY-JZ 34X1 GR	20	973	505
030533	YSLYCY-JZ 42X1 GR	21,5	1110	578
030449	YSLYCY-JZ 50X1 GR	23,5	1322	688
030563	YSLYCY-JZ 61X1 GR	25	1596	770
030426	YSLYCY-JZ 03X1,5 GR	9,1	200	102
030427	YSLYCY-JZ 04X1,5 GR	9,6	247	117
030420	YSLYCY-JZ 05X1,5 GR	10,6	304	146
030428	YSLYCY-JZ 07X1,5 GR	11,5	393	196
030451	YSLYCY-JZ 12X1,5 GR	14,8	615	280

p/n	part name	D_A [mm]	G [kg/km]	Cu [kg/km]
030429	YSLYCY-JZ 18X1,5 GR	17,2	793	389
030430	YSLYCY-JZ 25X1,5 GR	20,8	1116	535
030452	YSLYCY-JZ 34X1,5 GR	23,3	1376	702
030453	YSLYCY-JZ 42X1,5 GR	24,6	1596	845
030454	YSLYCY-JZ 50X1,5 GR	26,5	1881	1006
030578	YSLYCY-JZ 61X1,5 GR	28,5	2246	1075
030431	YSLYCY-JZ 03X2,5 GR	10,6	211	148
030733	YSLYCY-JZ 04X2,5 GR	11,8	298	171,5
030534	YSLYCY-JZ 05X2,5 GR	12,9	326	213
030535	YSLYCY-JZ 07X2,5 GR	14	498	288
030579	YSLYCY-JZ 12X2,5 GR	18	796	477,3
030581	YSLYCY-JZ 18X2,5 GR	21,4	1080	572
035255	YSLYCY-JZ 25X2,5 GR	24,7	1320	780
031319	YSLYCY-JZ 04X4 GR	13,4	351	290
031312	YSLYCY-JZ 05X4 GR	14,6	480	328
034517	YSLYCY-JZ 03X6 GR	14	415	240
031336	YSLYCY-JZ 04X6 GR	15,4	553	360
031344	YSLYCY-JZ 05X6 GR	16,9	600	441
035059	YSLYCY-JZ 03X10 GR	17,4	628	371
031335	YSLYCY-JZ 04X10 GR	19,8	901	535
031345	YSLYCY-JZ 05X10 GR	21,8	1048	714
031320	YSLYCY-JZ 04X16 GR	22,5	1122	910
031346	YSLYCY-JZ 05X16 GR	25,6	1402	1050
031347	YSLYCY-JZ 04X25 GR	28,5	1699	1310
031348	YSLYCY-JZ 05X25 GR	31,9	2124	1486

Table: Technical characteristics YSLYCY-OZ

p/n	part name	D_A [mm]	G [kg/km]	Cu [kg/km]
031341	YSLYCY-OZ 02X0,75 GR	7,5	108	61,3
031599	YSLYCY-OZ 03X0,75 GR	7,9	145	69,2
035172	YSLYCY-OZ 04X0,75 GR	8,4	163	87
035173	YSLYCY-OZ 05X0,75 GR	8,8	183	95,1
031342	YSLYCY-OZ 02X1 GR	7,7	143	66,5
031746	YSLYCY-OZ 03X1 GR	8,3	156	77
035174	YSLYCY-OZ 05X1 GR	9,9	209	108
035175	YSLYCY-OZ 07X1 GR	10,5	255	128,3
035176	YSLYCY-OZ 12X1 GR	13,3	426	210

p/n	part name	D_A [mm]	G [kg/km]	Cu [kg/km]
035177	YSLYCY-OZ 25X1 GR	18,1	766	388,5
035178	YSLYCY-OZ 34X1 GR	20,2	973	505
031343	YSLYCY-OZ 02X1,5 GR	8,2	189	86,4
031916	YSLYCY-OZ 03X1,5 GR	9	200	102
035179	YSLYCY-OZ 04X2,5 GR	12,5	298	171,5
035180	YSLYCY-OZ 04X4 GR	12,7	351	290

Table: Technical characteristics YSLYCY-JB

p/n	part name	D_A [mm]	G [kg/km]	Cu [kg/km]
031669	YSLYCY-JB 04X4 GR	12,7	320	290
031670	YSLYCY-JB 04X6 GR	15,7	470	360
031671	YSLYCY-JB 04X10 GR	19,2	740	535
031672	YSLYCY-JB 04X16 GR	22,9	1450	910
031673	YSLYCY-JB 04X25 GR	28,4	1520	1310
031674	YSLYCY-JB 04X35 GR	33,5	2010	1693
031675	YSLYCY-JB 04X50 GR	40,5	2840	2342

p/n	part name	D_A [mm]	G [kg/km]	Cu [kg/km]
031586	YSLYCY-JB 04X70 GR	47,5	3880	3090
031587	YSLYCY-JB 04X95 GR	53,2	5070	4060
031676	YSLYCY-JB 04X120 GR	55,2	6430	5299
031734	YSLYCY-JB 04X150 GR	70,1	7650	7033
031733	YSLYCY-JB 04X185 GR	62,1	9300	9023

DA	Outer diameter approx.
G	weight
Cu	Copper weight (GER)