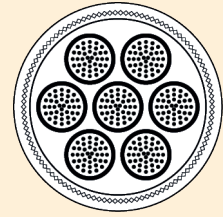
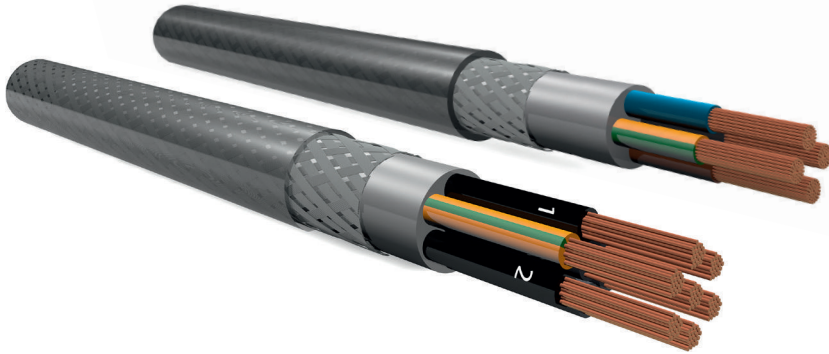


YSLY-CY -OZ/-JZ/-OB/-JB

PVC screened control cable

RoHS

CROSS SECTION



APPLICATION

For measurement and control purposes requiring a high level of electromagnetic compatibility (EMC). The cable is largely oil and chemical resistant. For use in dry and damp rooms but not outdoors.

STRUCTURE

Design structure based on DIN VDE 0250

Conductor	Copper conductor, bare, flexible, conductor structure according to VDE 0295 class 5
Core identification	OZ - black cores with imprinted digits, no green and yellow protective conductor JZ - black cores with imprinted digits, green and yellow protective conductor OB - coloured cores without green and yellow protective conductor JB - coloured cores with green and yellow protective conductor Cores concentrically stranded in layers, with optimum lay lengths
Stranding method	
Inner sheath	Sheath material made from special PVC compound
Shield	Mesh of tin-plated copper wires, optical coverage approx. 85%
Outer sheath	Sheath material made from special PVC compound

SPECIAL FEATURES

Core insulation
Core insulation made from special PVC compound

Sheath colour
Grey (RAL 7001)
Transparent

TECHNICAL DATA *sterk in kabels*

Nominal voltage	300 V/500 V
Test voltage	2000 V
Conductor resistance	At 20°C according to VDE 0295 class 5 and IEC 228 class 5 for flexible conductors
Conductor temperature	Max. +70°C during operation, + 150°C in the case of a short circuit
Insulation resistance	Min. 20 MOhm x km
Min. bending radius	Up to 20 mm Ø: 15 x cable diameter > 20 mm Ø: 20 x cable diameter
Temperature range	Moving -5°C to +70°C
Temperature range	Fixed installation -40°C to +80°C
Flammability	Test method B according to VDE 0472 part 804 and IEC 332-1
PVC properties	Self extinguishing and flame retardant

Product description			Cu weight	Outer Ø (mm)	Weight (kg/km)
YSLY-CY-OZ	2x0.75	Screened - grey	46.0	7.5	92
YSLY-CY-JZ	3x0.75	Screened - grey	58.0	7.9	102
YSLY-CY-JZ	4x0.75	Screened - grey	64.0	8.5	118
YSLY-CY-JZ	5x0.75	Screened - grey	78.0	9.0	133
YSLY-CY-JZ	7x0.75	Screened - grey	102.0	10.5	190
YSLY-CY-JZ	12x0.75	Screened - grey	177.0	13.0	304
YSLY-CY-JZ	18x0.75	Screened - grey	243.0	14.7	374
YSLY-CY-JZ	25x0.75	Screened - grey	307.0	17.7	504
YSLY-CY-JZ	34x0.75	Screened - grey	413.0	18.5	822
YSLY-CY-JZ	42x0.75	Screened - grey	445.0	20.0	1002
YSLY-CY-JZ	50x0.75	Screened - grey	535.0	24.6	1080
YSLY-CY-JZ	61x0.75	Screened - grey	620.0	26.3	1190
YSLY-CY-OZ	2x1	Screened - grey	56.0	8.2	110
YSLY-CY-JZ	3x1	Screened - grey	83.0	8.5	123
YSLY-CY-JZ	4x1	Screened - grey	78.0	9.5	148
YSLY-CY-JZ	5x1	Screened - grey	89.0	10.2	172
YSLY-CY-JZ	7x1	Screened - grey	113.0	11.6	221
YSLY-CY-JZ	12x1	Screened - grey	165.0	14.5	367
YSLY-CY-JZ	18x1	Screened - grey	286.0	17.4	506
YSLY-CY-JZ	25x1	Screened - grey	389.0	18.1	672
YSLY-CY-JZ	34x1	Screened - grey	505.0	20.2	890
YSLY-CY-JZ	42x1	Screened - grey	550.7	21.5	1110
YSLY-CY-JZ	50x1	Screened - grey	662.0	28.0	1300
YSLY-CY-JZ	61x1	Screened - grey	775.0	29.2	1362
YSLY-CY-OZ	2x1.5	Screened - grey	65.0	8.6	140
YSLY-CY-JZ	3x1.5	Screened - grey	83.0	9.6	162
YSLY-CY-JZ	4x1.5	Screened - grey	100.0	9.9	178
YSLY-CY-JZ	5x1.5	Screened - grey	125.0	10.6	211
YSLY-CY-JZ	7x1.5	Screened - grey	196.0	13.3	310
YSLY-CY-JZ	12x1.5	Screened - grey	280.0	16.0	454
YSLY-CY-JZ	18x1.5	Screened - grey	389.0	19.6	628
YSLY-CY-JZ	25x1.5	Screened - grey	535.0	22.6	794
YSLY-CY-JZ	34x1.5	Screened - grey	666.6	25.9	1142
YSLY-CY-JZ	42x1.5	Screened - grey	788.8	28.9	1332
YSLY-CY-JZ	50x1.5	Screened - grey	915.0	30.0	1662
YSLY-CY-JZ	61x1.5	Screened - grey	1196.9	33.0	1785
YSLY-CY-JZ	3x2.5	Screened - grey	146.0	11.5	214
YSLY-CY-JZ	4x2.5	Screened - grey	167.0	12.3	270
YSLY-CY-JZ	5x2.5	Screened - grey	200.0	14.2	342
YSLY-CY-JZ	7x2.5	Screened - grey	288.0	14.9	426
YSLY-CY-JZ	12x2.5	Screened - grey	473.0	19.5	710
YSLY-CY-JZ	18x2.5	Screened - grey	573.0	23.2	990
YSLY-CY-JZ	4x4	Screened - grey	237.0	15.8	415
YSLY-CY-JZ	5x4	Screened - grey	280.0	17.0	480
YSLY-CY-JZ	4x6	Screened - grey	318.0	18.0	568
YSLY-CY-JZ	5x6	Screened - grey	441.0	20.3	686
YSLY-CY-JZ	4x10	Screened - grey	558.0	22.2	942
YSLY-CY-JZ	5x10	Screened - grey	714.0	25.3	1110
YSLY-CY-JZ	4x16	Screened - grey	804.0	25.5	1230
YSLY-CY-JZ	5x16	Screened - grey	1050.0	28.6	1485
YSLY-CY-OZ	2x0.75	Screened - transparent	46.0	7.5	92
YSLY-CY-JZ	3x0.75	Screened - transparent	58.0	7.9	102
YSLY-CY-JZ	4x0.75	Screened - transparent	64.0	8.5	118
YSLY-CY-JZ	5x0.75	Screened - transparent	78.0	9.0	133
YSLY-CY-JZ	7x0.75	Screened - transparent	102.0	10.5	190
YSLY-CY-JZ	12x0.75	Screened - transparent	177.0	13.0	304
YSLY-CY-JZ	18x0.75	Screened - transparent	243.0	14.7	374
YSLY-CY-JZ	25x0.75	Screened - transparent	307.0	17.7	504
YSLY-CY-JZ	34x0.75	Screened - transparent	413.0	18.5	822
YSLY-CY-OZ	2x1	Screened - transparent	56.0	8.2	110
YSLY-CY-JZ	3x1	Screened - transparent	83.0	8.5	123
YSLY-CY-JZ	4x1	Screened - transparent	78.0	9.5	148
YSLY-CY-JZ	5x1	Screened - transparent	89.0	10.2	172

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YSLY-CY-JZ	7x1	Screened - transparent	113.0	11.6	221
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YSLY-CY-JZ	18x1	Screened - transparent	286.0	17.4	506
YSLY-CY-JZ	25x1	Screened - transparent	389.0	18.1	672
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YSLY-CY-JZ	4x1.5	Screened - transparent	100.0	9.9	178
YSLY-CY-JZ	5x1.5	Screened - transparent	125.0	10.6	211
YSLY-CY-JZ	7x1.5	Screened - transparent	196.0	13.3	310
YSLY-CY-JZ	12x1.5	Screened - transparent	280.0	16.0	454
YSLY-CY-JZ	18x1.5	Screened - transparent	389.0	19.6	628
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YSLY-CY-JZ	4x16	Screened - transparent	804.0	25.5	1230
YSLY-CY-JZ	5x16	Screened - transparent	1050.0	28.6	1485
YSLY-CY-OB	2x0.75	Screened - grey	46.0	7.5	92
YSLY-CY-JB	3x0.75	Screened - grey	58.0	7.9	102
YSLY-CY-JB	4x0.75	Screened - grey	64.0	8.5	118
YSLY-CY-JB	5x0.75	Screened - grey	78.0	9.0	133
YSLY-CY-JB	7x0.75	Screened - grey	102.0	10.5	190
YSLY-CY-JB	12x0.75	Screened - grey	177.0	13.0	304
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