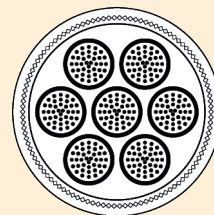
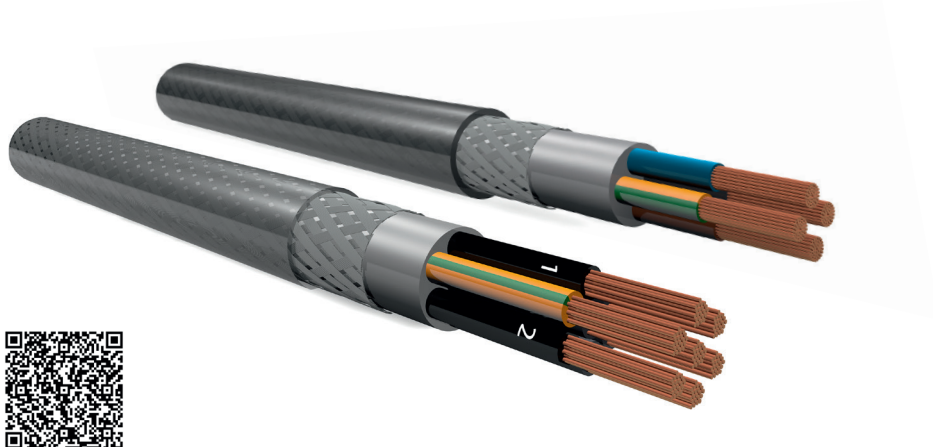


# YSLY-CY -OZ/-JZ/-OB/-JB

## 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

<b>Conductor</b>	Copper conductor, bare, flexible, conductor structure according to VDE 0295 class 5
<b>Core identification</b>	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
<b>Stranding method</b>	
<b>Inner sheath</b>	Sheath material made from special PVC compound
<b>Shield</b>	Mesh of tin-plated copper wires.
<b>Outer sheath</b>	Sheath material made from special PVC compound

## TECHNICAL DATA

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

## SPECIAL FEATURES

**Core insulation**  
Core insulation made from special PVC compound

**Sheath colour**  
Grey (RAL 7001)  
Transparent

Product description			Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
YSLY-CY-OZ	2x0.75	Screened - grey	46.0	7.5	92	8310001
YSLY-CY-JZ	3x0.75	Screened - grey	58.0	7.9	102	8310002
YSLY-CY-JZ	4x0.75	Screened - grey	64.0	8.5	118	8310003
YSLY-CY-JZ	5x0.75	Screened - grey	78.0	9.0	133	8310004
YSLY-CY-JZ	7x0.75	Screened - grey	102.0	10.5	190	8310005
YSLY-CY-JZ	12x0.75	Screened - grey	177.0	13.0	304	8310007
YSLY-CY-JZ	18x0.75	Screened - grey	243.0	14.7	374	8310009
YSLY-CY-JZ	25x0.75	Screened - grey	307.0	17.7	504	8310010
YSLY-CY-JZ	34x0.75	Screened - grey	413.0	18.5	822	8310011
YSLY-CY-JZ	42x0.75	Screened - grey	445.0	20.0	1002	8310012
YSLY-CY-JZ	50x0.75	Screened - grey	535.0	24.6	1080	8310013
YSLY-CY-JZ	61x0.75	Screened - grey	620.0	26.3	1190	8310014
YSLY-CY-OZ	2x1	Screened - grey	56.0	8.2	110	8310020
YSLY-CY-JZ	3x1	Screened - grey	83.0	8.5	123	8310022
YSLY-CY-JZ	4x1	Screened - grey	78.0	9.5	148	8310023
YSLY-CY-JZ	5x1	Screened - grey	89.0	10.2	172	8310024
YSLY-CY-JZ	7x1	Screened - grey	113.0	11.6	221	8310025
YSLY-CY-JZ	12x1	Screened - grey	165.0	14.5	367	8310027
YSLY-CY-JZ	18x1	Screened - grey	286.0	17.4	506	8310029
YSLY-CY-JZ	25x1	Screened - grey	389.0	18.1	672	8310031
YSLY-CY-JZ	34x1	Screened - grey	505.0	20.2	890	8310032
YSLY-CY-JZ	42x1	Screened - grey	550.7	21.5	1110	8310033
YSLY-CY-JZ	50x1	Screened - grey	662.0	28.0	1300	8310034
YSLY-CY-JZ	61x1	Screened - grey	775.0	29.2	1362	8310035
YSLY-CY-OZ	2x1.5	Screened - grey	65.0	8.6	140	8310040
YSLY-CY-JZ	3x1.5	Screened - grey	83.0	9.6	162	8310041
YSLY-CY-JZ	4x1.5	Screened - grey	100.0	9.9	178	8310042
YSLY-CY-JZ	5x1.5	Screened - grey	125.0	10.6	211	8310043
YSLY-CY-JZ	7x1.5	Screened - grey	196.0	13.3	310	8310044
YSLY-CY-JZ	12x1.5	Screened - grey	280.0	16.0	454	8310046
YSLY-CY-JZ	18x1.5	Screened - grey	389.0	19.6	628	8310048
YSLY-CY-JZ	25x1.5	Screened - grey	535.0	22.6	794	8310049
YSLY-CY-JZ	34x1.5	Screened - grey	666.6	25.9	1142	8310050
YSLY-CY-JZ	42x1.5	Screened - grey	788.8	28.9	1332	8310052
YSLY-CY-JZ	50x1.5	Screened - grey	915.0	30.0	1662	8310053
YSLY-CY-JZ	61x1.5	Screened - grey	1196.9	33.0	1785	8310054
YSLY-CY-JZ	3x2.5	Screened - grey	146.0	11.5	214	8310061
YSLY-CY-JZ	4x2.5	Screened - grey	167.0	12.3	270	8310062
YSLY-CY-JZ	5x2.5	Screened - grey	200.0	14.2	342	8310063
YSLY-CY-JZ	7x2.5	Screened - grey	288.0	14.9	426	8310064
YSLY-CY-JZ	12x2.5	Screened - grey	473.0	19.5	710	8310065
YSLY-CY-JZ	18x2.5	Screened - grey	573.0	23.2	990	8310066
YSLY-CY-JZ	4x4	Screened - grey	237.0	15.8	415	8310075
YSLY-CY-JZ	5x4	Screened - grey	280.0	17.0	480	8310077
YSLY-CY-JZ	4x6	Screened - grey	318.0	18.0	568	8310080
YSLY-CY-JZ	5x6	Screened - grey	441.0	20.3	686	8310081
YSLY-CY-JZ	4x10	Screened - grey	558.0	22.2	942	8310087
YSLY-CY-JZ	5x10	Screened - grey	714.0	25.3	1110	8310088
YSLY-CY-JZ	4x16	Screened - grey	804.0	25.5	1230	8310093
YSLY-CY-JZ	5x16	Screened - grey	1050.0	28.6	1485	8310094
YSLY-CY-OZ	2x0.75	Screened - transparent	46.0	7.5	92	8320001
YSLY-CY-JZ	3x0.75	Screened - transparent	58.0	7.9	102	8320002
YSLY-CY-JZ	4x0.75	Screened - transparent	64.0	8.5	118	8320003
YSLY-CY-JZ	5x0.75	Screened - transparent	78.0	9.0	133	8320004
YSLY-CY-JZ	7x0.75	Screened - transparent	102.0	10.5	190	8320005
YSLY-CY-JZ	12x0.75	Screened - transparent	177.0	13.0	304	8320007
YSLY-CY-JZ	18x0.75	Screened - transparent	243.0	14.7	374	8320009
YSLY-CY-JZ	25x0.75	Screened - transparent	307.0	17.7	504	8320010
YSLY-CY-JZ	34x0.75	Screened - transparent	413.0	18.5	822	8320011
YSLY-CY-OZ	2x1	Screened - transparent	56.0	8.2	110	8320020
YSLY-CY-JZ	3x1	Screened - transparent	83.0	8.5	123	8320022
YSLY-CY-JZ	4x1	Screened - transparent	78.0	9.5	148	8320023
YSLY-CY-JZ	5x1	Screened - transparent	89.0	10.2	172	8320024

Product description			Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
YSLY-CY-JZ	7x1	Screened - transparent	113.0	11.6	221	8320025
YSLY-CY-JZ	12x1	Screened - transparent	165.0	14.5	367	8320027
YSLY-CY-JZ	18x1	Screened - transparent	286.0	17.4	506	8320029
YSLY-CY-JZ	25x1	Screened - transparent	389.0	18.1	672	8320031
YSLY-CY-OZ	2x1.5	Screened - transparent	65.0	8.6	140	8320040
YSLY-CY-JZ	3x1.5	Screened - transparent	83.0	9.6	162	8320041
YSLY-CY-JZ	4x1.5	Screened - transparent	100.0	9.9	178	8320042
YSLY-CY-JZ	5x1.5	Screened - transparent	125.0	10.6	211	8320043
YSLY-CY-JZ	7x1.5	Screened - transparent	196.0	13.3	310	8320044
YSLY-CY-JZ	12x1.5	Screened - transparent	280.0	16.0	454	8320046
YSLY-CY-JZ	18x1.5	Screened - transparent	389.0	19.6	628	8320048
YSLY-CY-JZ	25x1.5	Screened - transparent	535.0	22.6	794	8320049
YSLY-CY-JZ	3x2.5	Screened - transparent	146.0	11.5	214	8320061
YSLY-CY-JZ	4x2.5	Screened - transparent	167.0	12.3	270	8320062
YSLY-CY-JZ	5x2.5	Screened - transparent	200.0	14.2	342	8320063
YSLY-CY-JZ	7x2.5	Screened - transparent	288.0	14.9	426	8320064
YSLY-CY-JZ	12x2.5	Screened - transparent	473.0	19.5	710	8320065
YSLY-CY-JZ	18x2.5	Screened - transparent	573.0	23.2	990	8320066
YSLY-CY-JZ	4x4	Screened - transparent	237.0	15.8	415	8320075
YSLY-CY-JZ	5x4	Screened - transparent	280.0	17.0	480	8320077
YSLY-CY-JZ	4x6	Screened - transparent	318.0	18.0	568	8320080
YSLY-CY-JZ	5x6	Screened - transparent	441.0	20.3	686	8320081
YSLY-CY-JZ	4x10	Screened - transparent	558.0	22.2	942	8320087
YSLY-CY-JZ	5x10	Screened - transparent	714.0	25.3	1110	8320088
YSLY-CY-JZ	4x16	Screened - transparent	804.0	25.5	1230	8320093
YSLY-CY-JZ	5x16	Screened - transparent	1050.0	28.6	1485	8320094
YSLY-CY-OB	2x0.75	Screened - grey	46.0	7.5	92	8312001
YSLY-CY-JB	3x0.75	Screened - grey	58.0	7.9	102	8312002
YSLY-CY-JB	4x0.75	Screened - grey	64.0	8.5	118	8312003
YSLY-CY-JB	5x0.75	Screened - grey	78.0	9.0	133	8312004
YSLY-CY-JB	7x0.75	Screened - grey	102.0	10.5	190	8312005
YSLY-CY-JB	12x0.75	Screened - grey	177.0	13.0	304	8312007
YSLY-CY-JB	18x0.75	Screened - grey	243.0	14.7	374	8312009
YSLY-CY-JB	25x0.75	Screened - grey	307.0	17.7	504	8312010
YSLY-CY-JB	34x0.75	Screened - grey	413.0	18.5	822	8312011
YSLY-CY-JB	42x0.75	Screened - grey	445.0	20.0	1002	8312012
YSLY-CY-JB	50x0.75	Screened - grey	535.0	24.6	1080	8312013
YSLY-CY-JB	61x0.75	Screened - grey	620.0	26.3	1190	8312014
YSLY-CY-OB	2x1	Screened - grey	56.0	8.2	110	8312020
YSLY-CY-JB	3x1	Screened - grey	83.0	8.5	123	8312022
YSLY-CY-JB	4x1	Screened - grey	78.0	9.5	148	8312023
YSLY-CY-JB	5x1	Screened - grey	89.0	10.2	172	8312024
YSLY-CY-JB	7x1	Screened - grey	113.0	11.6	221	8312025
YSLY-CY-JB	12x1	Screened - grey	165.0	14.5	367	8312027
YSLY-CY-JB	18x1	Screened - grey	286.0	17.4	506	8312029
YSLY-CY-JB	25x1	Screened - grey	389.0	18.1	672	8312031
YSLY-CY-JB	34x1	Screened - grey	505.0	20.2	890	8312032
YSLY-CY-JB	42x1	Screened - grey	550.7	21.5	1110	8312033
YSLY-CY-JB	50x1	Screened - grey	662.0	28.0	1300	8312034
YSLY-CY-JB	61x1	Screened - grey	775.0	29.2	1362	8312035
YSLY-CY-OB	2x1.5	Screened - grey	65.0	8.6	140	8312040
YSLY-CY-JB	3x1.5	Screened - grey	83.0	9.6	162	8312041
YSLY-CY-JB	4x1.5	Screened - grey	100.0	9.9	178	8312042
YSLY-CY-JB	5x1.5	Screened - grey	125.0	10.6	211	8312043
YSLY-CY-JB	7x1.5	Screened - grey	196.0	13.3	310	8312044
YSLY-CY-JB	12x1.5	Screened - grey	280.0	16.0	454	8312046
YSLY-CY-JB	18x1.5	Screened - grey	389.0	19.6	628	8312048
YSLY-CY-JB	25x1.5	Screened - grey	535.0	22.6	794	8312049
YSLY-CY-JB	34x1.5	Screened - grey	666.6	25.9	1142	8312050
YSLY-CY-JB	42x1.5	Screened - grey	788.8	28.9	1332	8312052
YSLY-CY-JB	50x1.5	Screened - grey	915.0	30.0	1662	8312053
YSLY-CY-JB	61x1.5	Screened - grey	1196.9	33.0	1785	8312054
YSLY-CY-JB	3x2.5	Screened - grey	146.0	11.5	214	8312061
YSLY-CY-JB	4x2.5	Screened - grey	167.0	12.3	270	8312062

Product description			Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
YSLY-CY-JB	5x2.5	Screened - grey	200.0	14.2	342	8312063
YSLY-CY-JB	7x2.5	Screened - grey	288.0	14.9	426	8312064
YSLY-CY-JB	12x2.5	Screened - grey	473.0	19.5	710	8312065
YSLY-CY-JB	18x2.5	Screened - grey	573.0	23.2	990	8312066
YSLY-CY-JB	4x4	Screened - grey	237.0	15.8	415	8312075
YSLY-CY-JB	5x4	Screened - grey	280.0	17.0	480	8312077
YSLY-CY-JB	4x6	Screened - grey	318.0	18.0	568	8312080
YSLY-CY-JB	5x6	Screened - grey	441.0	20.3	686	8312081
YSLY-CY-JB	4x10	Screened - grey	558.0	22.2	942	8312087
YSLY-CY-JB	5x10	Screened - grey	714.0	25.3	1110	8312088
YSLY-CY-JB	4x16	Screened - grey	804.0	25.5	1230	8312093
YSLY-CY-JB	5x16	Screened - grey	1050.0	28.6	1485	8312094