



## Construction

<b>Conductor</b>	Flexible bare copper wires Class V Acc. to UNE-EN 60228
<b>Insulation</b>	PVC Identification: -JZ: Black numbered + Yellow/Green -OZ: Black numbered
<b>Assembly</b>	Insulated conductors laid-up together in concentric layers + Overall tape
<b>Screen</b>	Bare copper wire braid Coverage: 70% aprox.
<b>Outer sheath</b>	PVC Colour: Grey (RAL 7001)

## Technical characteristics

<b>Operating voltage</b>	300/500 V
<b>Test Voltage</b>	2000 V
<b>Operating T<sup>a</sup> (conductor)</b>	Service: -40°C +70°C During Installation: -5°C Minimum
<b>Min. bending radius</b>	Fixed installation: 10xD

## Application

Flexible shielded control and instrumentation cable designed for use in industrial processes and machinery in fixed installations. In environments where good electromagnetic protection is required. The cable is also resistant to the most common chemicals, oils and greases in the industrial sector.

\*CPR:

Cable suitable for installation under the requirements of CPR (Construction Product Regulation (EU) N°305/2011) according to the classification (Euroclass) specified in this document.

## Standards / Properties

<b>Flame Retardant</b>	VDE 0482-332-1-2 (IEC 60332-1)
<b>CPR Classification (Euroclass)</b>	Eca (According UNE-EN 50575)
<b>Oil resistant</b>	EN 60811-2-1



**Constructive Data - YSLCY-JZ**

Code	NxS (mm <sup>2</sup> )	Ø exterior (mm)	Weight (kg/km)	Rt (Ohm/Km)
25807602	3G0.5	6.1	57	39
25812502	4G0.5	6.5	72	39
25815502	5G0.5	7.1	86	39
25817802	6G0.5	7.4	89	39
25819302	7G0.5	7.9	119	39
25821102	8G0.5	8.5	124	39
25823402	10G0.5	9.7	142	39
25825802	12G0.5	10	183	39
25827102	14G0.5	10.4	190	39
25828302	16G0.5	11.2	210	39
25829502	18G0.5	11.9	248	39
25830702	20G0.5	12.4	255	39
25831902	21G0.5	12.5	250	39
25833002	24G0.5	12.9	300	39
25834202	25G0.5	14.1	308	39
25836602	30G0.5	14.4	360	39
	32G0.5	15.2	425	39
	34G0.5	15.3	433	39
25838502	36G0.5	15.7	446	39
25840202	40G0.5	16.5	475	39
	41G0.5	17.1	486	39
25842502	50G0.5	18.4	573	39
25844802	61G0.5	19.8	653	39
	80G0.5	21.9	784	39
	100G0.5	24.3	995	39
25808102	3G0.75	6.5	69	26
25813002	4G0.75	7.1	88	26
25816002	5G0.75	7.8	120	26
25817902	6G0.75	8.1	113	26
25819402	7G0.75	8.6	153	26
25821202	8G0.75	9.4	145	26
25823502	10G0.75	10.7	192	26
25825902	12G0.75	11.1	220	26
25827202	14G0.75	11.4	225	26
25828402	16G0.75	12.1	275	26
25829602	18G0.75	12.9	306	26
	19G0.75	13.2	308	26
25830802	20G0.75	13.6	336	26
25832002	21G0.75	13.8	380	26
25833102	24G0.75	15.5	425	26
25834302	25G0.75	15.6	431	26
25835502	27G0.75	15.8	435	26
25836702	30G0.75	16.1	450	26
25837202	32G0.75	17.1	488	26

Code	NxS (mm2)	Ø exterior (mm)	Weight (kg/km)	Rt (Ohm/Km)
25837202	34G0.75	17.8	521	26
	36G0.75	17.9	535	26
25839102	37G0.75	18.1	592	26
25840302	40G0.75	18.3	613	26
25843002	41G0.75	18.4	622	26
25842602	50G0.75	20.8	777	26
25844902	61G0.75	23.7	900	26
	80G0.75	27.4	1210	26
	100G0.75	27.8	1445	26
25808302	3G1	7.4	100	19.5
25813202	4G1	7.6	117	19.5
25816102	5G1	7.8	127	19.5
25818002	6G1	8.5	144	19.5
25819502	7G1	9.1	178	19.5
25821302	8G1	9.9	197	19.5
25823602	10G1	12.1	235	19.5
25826002	12G1	12.4	275	19.5
25827302	14G1	13.1	302	19.5
25828502	16G1	13.7	346	19.5
25829702	18G1	13.9	380	19.5
25830002	19G1	14.2	412	19.5
25830902	20G1	15.8	468	19.5
25833202	24G1	16.2	493	19.5
25834402	25G1	18	607	19.5
25835602	27G1	16.2	562	19.5
25834902	28G1	16.7	595	19.5
25836802	30G1	17.4	643	19.5
25837302	34G1	20.6	746	19.5
25839202	37G1	21.1	790	19.5
25840402	40G1	21.2	835	19.5
25840702	41G1	21.4	843	19.5
25842702	50G1	24.2	1015	19.5
25845002	61G1	27.3	1205	19.5
	80G1	27.6	1445	19.5
	100G1	28.8	1613	19.5
25808402	3G1.5	7.7	115	13.3
25813302	4G1.5	8.3	149	13.3
25816202	5G1.5	9.4	180	13.3
25819602	7G1.5	10.7	230	13.3
25821402	8G1.5	11.9	244	13.3
25823702	10G1.5	13.4	313	13.3
25826102	12G1.5	13.5	354	13.3
25827402	14G1.5	13.7	383	13.3
25828602	16G1.5	14.3	424	13.3
25829802	18G1.5	15.8	523	13.3
25830102	19G1.5	16.3	508	13.3

Code	NxS (mm2)	Ø exterior (mm)	Weight (kg/km)	Rt (Ohm/Km)
25831002	20G1.5	16.5	570	13.3
25832202	21G1.5	16.9	560	13.3
25833302	24G1.5	19.7	690	13.3
25834502	25G1.5	20.3	722	13.3
25835702	27G1.5	20.5	774	13.3
	28G1.5	20.8	810	13.3
25836902	30G1.5	21.1	838	13.3
25839702	34G1.5	21.3	950	13.3
	35G1.5	21.4	890	13.3
25839302	37G1.5	21.8	945	13.3
25840502	40G1.5	22.5	1060	13.3
25840802	41G1.5	22.5	1071	13.3
25842802	50G1.5	26.7	1303	13.3
25845102	61G1.5	29.1	1705	13.3
25847302	80G1.5	30	2010	13.3
	100G1.5	33.3	2505	13.3
25808602	3G2.5	9.1	180	7.98
25813502	4G2.5	10.2	220	7.98
25816302	5G2.5	10.9	270	7.98
25819702	7G2.5	13.7	342	7.98
25823802	10G2.5	15.8	460	7.98
25826202	12G2.5	18.2	580	7.98
25829902	18G2.5	18.9	879	7.98
25808802	3G4	11.5	245	4.95
25813702	4G4	12.9	306	4.95
25816402	5G4	13.2	370	4.95
25819802	7G4	15.4	495	4.95
25808902	3G6	13.1	315	3.3
25813802	4G6	14.7	422	3.3
25816502	5G6	16.4	506	3.3
25819902	7G6	17.9	668	3.3
25809002	3G10	16.9	490	1.91
25813902	4G10	18.9	731	1.91
25816602	5G10	20.7	853	1.91
25820002	7G10	22.6	1291	1.91
25814002	4G16	20.8	993	1.21
25816702	5G16	22.9	1295	1.21
25814112	4G25	26.2	1570	0.78
25816802	5G25	29.4	1965	0.78
25814202	4G35	30.4	2070	0.554
25816902	5G35	33.8	2690	0.554
25814302	4G50	34.6	3015	0.386

**Legend**

- Code** Cervi codification
- NxS (mm2)** Number of conductors x Section (mm2)
- Weight (kg/km)** Approximate cable weight (kg/km)

**Rt (Ohm/Km)**

Conductor resistance at 20°C (Ohm/km)

**Constructive Data - YSLCY-OZ**

Code	NxS (mm2)	Ø exterior (mm)	Weight (kg/km)	Rt (Ohm/Km)
25804702	2x0.5	5.7	45	39
25805202	2x0.75	6.2	57	26
25808102	3x0.75	6.5	66	26
25813002	4x0.75	7.1	89	26
25816002	5x0.75	7.8	126	26
25819402	7x0.75	8.6	156	26
25805402	2x1	6.7	76	19.5
25805502	2x1.5	7.3	93	13.3
25829802	18x1.5	16.3	516	13.3
25805702	2x2.5	8.3	141	7.98
25805802	2x4	9.8	190	4.95
25805902	2x6	11.5	268	3.3
25806002	2x10	14.9	426	1.91

**Legend**

- Code** Cervi codification
- NxS (mm2)** Number of conductors x Section (mm2)
- Weight (kg/km)** Approximate cable weight (kg/km)
- Rt (Ohm/Km)** Conductor resistance at 20°C (Ohm/km)