

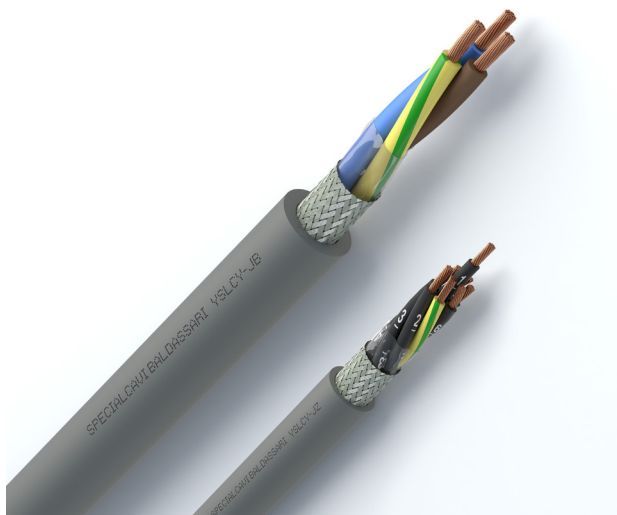


SPECIALCAVI BALDASSARI

POWER, CONTROL AND SIGNALLING

YSLCY -OB/-JB/-OZ/-JZ

Marking: <meters> CE 0987 SPECIALCAVI BALDASSARI YSLCY <formation> IEC 60332-3-24 <lot> <year> CCA-S2,D0,A3



MANUFACTURING CHARACTERISTICS

Conductor:

Flexible bare copper, class 5

Insulation:

Flame retardant PVC compound

Stranding:

Cores twisted/stranded in concentric layers

Wrapping and protection:

Overall polyester tape

Shield:

Overall tinned copper braid

Outer sheath:

Flame retardant PVC compound

Colours:

Cores identification:

HD 308 S2 (-OB/-JB)

Black numbered w/ (-JZ) or w/o Green/Yellow (-OZ)

Outer sheath colour:

Grey (based on RAL 7001)

ELECTRICAL CHARACTERISTICS

Operating voltage:

- 300/500V section $\leq 2.5 \text{ mm}^2$
- 450/750V section = 4.00 and 6.00 mm^2
- 0.6/1kV section $\geq 10.00 \text{ mm}^2$

Testing voltage:

- 2000V section $\leq 2.5 \text{ mm}^2$
- 2500V section = 4.00 and 6.00 mm^2
- 4000V section $\geq 10.00 \text{ mm}^2$

APPLICATIONS

Cable conforms to the requirements in the Construction Products Regulations (CPR EU 305/11), aimed at limiting the production and diffusion of fire and smoke.

Multi-core cable for power transport and for control, signalling, command and measurement systems with scaled-down outer dimensions and excellent flexibility. Used in industry for machine cabling, transport systems, production lines and in the connection of air conditioning and heating systems, industrial equipment and power stations. Suitable for installation in dry or damp indoor environments, in static or limited dynamic installation (not permanently in motion) where there is no mechanical stress. The shield helps to protect from electromagnetic interference.

300/500V and 450/750V (section $\leq 6.00 \text{ mm}^2$): Underground laying is not permitted even if protected.

0.6/1kV (section $\geq 10.00 \text{ mm}^2$): Direct or indirect underground laying is permitted (presence of water condition AD7).

STANDARDS

IEC 60228

IEC 60332-3-24 Cat.C

REACTION TO FIRE CLASS

EN 50575:2016 $C_{ca} - s3, d0, a3$

TEMPERATURES

Minimum working temperature:

- Fixed laying -25°C
- Occasional mobile laying w/o stress -5°C

Maximum working temperature:

- Fixed laying +70°C
- Occasional mobile laying w/o stress +70°C

Maximum short circuit temperature: +160°C

LAYING CONDITIONS



Minimum installation temperature -5°C



Min. bending radius:
d8 (fixed laying)
d15 (occasional mobile laying)



Max tensile stress:
50N/mm² (during installation)
15N/mm² (static stress)



Fixed laying



Occasional mobile laying w/o stress



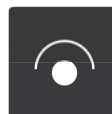
In open air (0.6/1kV)



In duct or cable tray



In buried trough (0.6/1kV)



Buried with protection (0.6/1kV)



In buried duct (0.6/1kV)



Directly buried (0.6/1kV)

SU RICHIESTA

- Colori anime e guaina personalizzati

**YSLCY** -OB/-JB/-OZ/-JZ

PART NUMBER	FORMATION	OUTER DIAMETER ¹	WEIGHT ¹	MAX ELECTRICAL RESISTANCE AT 20°C
[n°]	[n° x mm ²]	[mm]	[kg/km]	[Ohm/km]
*CYOZ05002Z	2 X 0.50	5.0	45	39.00
*CYJZ05003Z	3 X 0.50	5.5	55	39.00
*CYJZ05004Z	4 X 0.50	5.9	65	39.00
*CYJZ05005Z	5 X 0.50	6.4	78	39.00
*CYJZ05006Z	6 X 0.50	6.9	89	39.00
*CYJZ05007Z	7 X 0.50	6.9	92	39.00
*CYJZ05008Z	8 X 0.50	8.2	123	39.00
*CYJZ05010Z	10 X 0.50	9.0	138	39.00
*CYJZ05012Z	12 X 0.50	9.0	146	39.00
*CYJZ05014Z	14 X 0.50	9.6	168	39.00
*CYJZ05015Z	15 X 0.50	10.1	187	39.00
*CYJZ05016Z	16 X 0.50	10.1	191	39.00
*CYJZ05018Z	18 X 0.50	10.6	209	39.00
*CYJZ05019Z	19 X 0.50	10.6	213	39.00
*CYJZ05020Z	20 X 0.50	11.2	233	39.00
*CYJZ05021Z	21 X 0.50	11.9	256	39.00
*CYJZ05024Z	24 X 0.50	12.7	279	39.00
*CYJZ05025Z	25 X 0.50	12.7	282	39.00
*CYJZ05027Z	27 X 0.50	12.7	290	39.00
*CYJZ05030Z	30 X 0.50	13.3	343	39.00
*CYJZ05032Z	32 X 0.50	14.0	372	39.00
*CYJZ05034Z	34 X 0.50	14.5	399	39.00
*CYJZ05036Z	36 X 0.50	14.5	409	39.00
*CYJZ05037Z	37 X 0.50	14.5	413	39.00
*CYJZ05041Z	41 X 0.50	15.9	467	39.00
*CYJZ05042Z	42 X 0.50	15.9	471	39.00
*CYJZ05048Z	48 X 0.50	16.6	518	39.00
*CYJZ05050Z	50 X 0.50	17.0	539	39.00
*CYJZ05065Z	65 X 0.50	19.4	699	39.00
*CYOZ07502Z	2 X 0.75	5.9	58	26.00
*CYJZ07503Z	3 X 0.75	6.1	69	26.00
*CYJZ07504Z	4 X 0.75	6.6	83	26.00
*CYJZ07505Z	5 X 0.75	7.4	104	26.00
*CYJZ07506Z	6 X 0.75	8.0	121	26.00
*CYJZ07507Z	7 X 0.75	8.0	127	26.00
*CYJZ07508Z	8 X 0.75	9.8	183	26.00
*CYJZ07510Z	10 X 0.75	10.4	189	26.00
*CYJZ07512Z	12 X 0.75	10.4	201	26.00
*CYJZ07514Z	14 X 0.75	10.9	226	26.00
*CYJZ07515Z	15 X 0.75	11.7	252	26.00
*CYJZ07516Z	16 X 0.75	11.7	258	26.00
*CYJZ07518Z	18 X 0.75	12.4	287	26.00
*CYJZ07519Z	19 X 0.75	12.4	293	26.00
*CYJZ07520Z	20 X 0.75	13.3	348	26.00
*CYJZ07521Z	21 X 0.75	14.1	375	26.00
*CYJZ07524Z	24 X 0.75	14.9	414	26.00
*CYJZ07525Z	25 X 0.75	14.9	420	26.00



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POWER, CONTROL AND SIGNALLING

Export Cables

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[n°]	[n° x mm ²]	[mm]	[kg/km]	[Ohm/km]
*CYJZ07527Z	27 X 0.75	14.9	432	26.00
*CYJZ07530Z	30 X 0.75	15.6	467	26.00
*CYJZ07532Z	32 X 0.75	16.3	512	26.00
*CYJZ07534Z	34 X 0.75	16.9	539	26.00
*CYJZ07536Z	36 X 0.75	16.9	555	26.00
*CYJZ07537Z	37 X 0.75	16.9	561	26.00
*CYJZ07541Z	41 X 0.75	18.4	644	26.00
*CYJZ07542Z	42 X 0.75	18.4	650	26.00
*CYJZ07548Z	48 X 0.75	19.3	712	26.00
*CYJZ07550Z	50 X 0.75	19.8	744	26.00
*CYJZ07565Z	65 X 0.75	22.8	976	26.00
*CYOZ10002Z	2 X 1.00	6.3	65	19.50
*CYOB10002Z	2 X 1.00	6.3	65	19.50
*CYJZ10003Z	3 X 1.00	6.5	81	19.50
*CYOB10003Z	3 X 1.00	6.5	81	19.50
*CYJB10003Z	3 X 1.00	6.5	81	19.50
*CYJZ10004Z	4 X 1.00	7.1	99	19.50
*CYOB10004Z	4 X 1.00	7.1	99	19.50
*CYJB10004Z	4 X 1.00	7.1	99	19.50
*CYJZ10005Z	5 X 1.00	7.9	123	19.50
*CYJB10005Z	5 X 1.00	7.9	123	19.50
*CYJZ10006Z	6 X 1.00	8.7	144	19.50
*CYJZ10007Z	7 X 1.00	8.7	152	19.50
*CYJZ10008Z	8 X 1.00	10.3	197	19.50
*CYJZ10010Z	10 X 1.00	11.2	227	19.50
*CYJZ10012Z	12 X 1.00	11.2	243	19.50
*CYJZ10014Z	14 X 1.00	12.1	281	19.50
*CYJZ10015Z	15 X 1.00	12.9	337	19.50
*CYJZ10016Z	16 X 1.00	12.9	345	19.50
*CYJZ10018Z	18 X 1.00	13.8	385	19.50
*CYJZ10019Z	19 X 1.00	13.8	393	19.50
*CYJZ10020Z	20 X 1.00	14.5	426	19.50
*CYJZ10021Z	21 X 1.00	15.2	454	19.50
*CYJZ10024Z	24 X 1.00	16.4	511	19.50
*CYJZ10025Z	25 X 1.00	16.4	518	19.50
*CYJZ10027Z	27 X 1.00	16.4	534	19.50
*CYJZ10030Z	30 X 1.00	17.1	580	19.50
*CYJZ10032Z	32 X 1.00	17.6	623	19.50
*CYJZ10034Z	34 X 1.00	18.5	668	19.50
*CYJZ10036Z	36 X 1.00	18.5	689	19.50
*CYJZ10037Z	37 X 1.00	18.5	697	19.50
*CYJZ10041Z	41 X 1.00	20.2	796	19.50
*CYJZ10042Z	42 X 1.00	20.2	804	19.50
*CYJZ10048Z	48 X 1.00	21.1	883	19.50
*CYJZ10050Z	50 X 1.00	21.7	926	19.50
*CYJZ10065Z	65 X 1.00	24.9	1210	19.50

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[n°]	[n° x mm ²]	[mm]	[kg/km]	[Ohm/km]
*CYOZ15002Z	2 X 1.50	7.1	85	13.30
*CYOB15002Z	2 X 1.50	7.1	85	13.30
*CYZ15003Z	3 X 1.50	7.6	109	13.30
*CYOB15003Z	3 X 1.50	7.6	109	13.30
*CYJB15003Z	3 X 1.50	7.6	109	13.30
*CYJZ15004Z	4 X 1.50	8.3	136	13.30
*CYOB15004Z	4 X 1.50	8.3	136	13.30
*CYJB15004Z	4 X 1.50	8.3	136	13.30
*CYJZ15005Z	5 X 1.50	9.5	188	13.30
*CYJB15005Z	5 X 1.50	9.5	188	13.30
*CYJZ15006Z	6 X 1.50	10.1	200	13.30
*CYJZ15007Z	7 X 1.50	10.1	212	13.30
*CYJZ15010Z	10 X 1.50	13.4	344	13.30
*CYJZ15012Z	12 X 1.50	13.4	367	13.30
*CYJZ15014Z	14 X 1.50	14.3	423	13.30
*CYJZ15015Z	15 X 1.50	15.0	458	13.30
*CYJZ15016Z	16 X 1.50	15.0	469	13.30
*CYJZ15018Z	18 X 1.50	16.1	534	13.30
*CYJZ15019Z	19 X 1.50	16.1	546	13.30
*CYJZ15020Z	20 X 1.50	17.0	585	13.30
*CYJZ15021Z	21 X 1.50	18.0	640	13.30
*CYJZ15024Z	24 X 1.50	19.2	710	13.30
*CYJZ15025Z	25 X 1.50	19.2	721	13.30
*CYJZ15027Z	27 X 1.50	19.2	745	13.30
*CYJZ15030Z	30 X 1.50	20.1	815	13.30
*CYJZ15032Z	32 X 1.50	20.8	879	13.30
*CYJZ15034Z	34 X 1.50	21.6	930	13.30
*CYJZ15036Z	36 X 1.50	21.6	961	13.30
*CYJZ15037Z	37 X 1.50	21.6	973	13.30
*CYJZ15041Z	41 X 1.50	23.6	1111	13.30
*CYJZ15042Z	42 X 1.50	23.6	1123	13.30
*CYJZ15048Z	48 X 1.50	24.9	1249	13.30
*CYJZ15050Z	50 X 1.50	25.6	1310	13.30
*CYJZ15065Z	65 X 1.50	29.6	1760	13.30
*CYOZ25002Z	2 X 2.50	8.3	120	7.98
*CYOB25002Z	2 X 2.50	8.3	120	7.98
*CYJZ25003Z	3 X 2.50	8.7	151	7.98
*CYOB25003Z	3 X 2.50	8.7	151	7.98
*CYJB25003Z	3 X 2.50	8.7	151	7.98
*CYJZ25004Z	4 X 2.50	9.8	194	7.98
*CYOB25004Z	4 X 2.50	9.8	194	7.98
*CYJB25004Z	4 X 2.50	9.8	194	7.98
*CYJZ25005Z	5 X 2.50	10.7	238	7.98
*CYJB25005Z	5 X 2.50	10.7	238	7.98
*CYJZ25006Z	6 X 2.50	11.8	287	7.98
*CYJZ25007Z	7 X 2.50	11.8	306	7.98

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[n°]	[n° x mm ²]	[mm]	[kg/km]	[Ohm/km]
*CYJZ25008Z	8 X 2.50	14.4	429	7.98
*CYJZ25010Z	10 X 2.50	15.9	502	7.98
*CYJZ25012Z	12 X 2.50	15.9	541	7.98
*CYJZ25014Z	14 X 2.50	16.8	609	7.98
*CYJZ25015Z	15 X 2.50	17.7	671	7.98
*CYJZ25016Z	16 X 2.50	17.7	691	7.98
*CYJZ25018Z	18 X 2.50	18.8	772	7.98
*CYJZ25019Z	19 X 2.50	18.8	792	7.98
*CYJZ25020Z	20 X 2.50	20.2	868	7.98
*CYJZ25021Z	21 X 2.50	21.2	937	7.98
*CYJZ25024Z	24 X 2.50	22.7	1045	7.98
*CYJZ25025Z	25 X 2.50	22.7	1065	7.98
*CYJZ25027Z	27 X 2.50	22.7	1104	7.98
*CYJZ25030Z	30 X 2.50	23.6	1203	7.98
*CYJZ25032Z	32 X 2.50	24.7	1311	7.98
*CYJZ25034Z	34 X 2.50	25.6	1386	7.98
*CYJZ25036Z	36 X 2.50	25.6	1436	7.98
*CYJZ25037Z	37 X 2.50	25.6	1456	7.98
*CYOB40002Z	2 X 4.00	10.0	169	4.95
*CYJB40003Z	3 X 4.00	10.4	221	4.95
*CYJB40004Z	4 X 4.00	11.7	284	4.95
*CYJB40005Z	5 X 4.00	13.1	381	4.95
*CYJZ40007Z	7 X 4.00	14.4	489	4.95
*CYJZ40008Z	8 X 4.00	16.0	573	4.95
*CYJZ40010Z	10 X 4.00	19.1	732	4.95
*CYJZ40012Z	12 X 4.00	19.1	795	4.95
*CYJZ40019Z	19 X 4.00	22.9	1194	4.95
*CYJZ40024Z	24 X 4.00	27.7	1616	4.95
*CYOB60002Z	2 X 6.00	11.6	233	3.30
*CYJB60003Z	3 X 6.00	12.2	309	3.30
*CYJB60004Z	4 X 6.00	13.9	443	3.30
*CYJB60005Z	5 X 6.00	15.1	519	3.30
*CYJZ60007Z	7 X 6.00	16.8	676	3.30
*CYOB100002Z	2 X 10.00	14.1	378	1.91
*CYJB100003Z	3 X 10.00	14.7	493	1.91
*CYJB100004Z	4 X 10.00	16.6	661	1.91
*CYJB100005Z	5 X 10.00	18.3	787	1.91
*CYJZ100007Z	7 X 10.00	20.3	1037	1.91
*CYOB160002Z	2 X 16.00	16.6	532	1.21
*CYJB160003Z	3 X 16.00	17.3	717	1.21
*CYJB160004Z	4 X 16.00	19.5	964	1.21
*CYJB160005Z	5 X 16.00	21.6	1157	1.21
*CYJZ160007Z	7 X 16.00	23.9	1529	1.21



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[n°]	[n° x mm ²]	[mm]	[kg/km]	[Ohm/km]
*CYOB250002Z	2 X 25.00	20.1	780	0.780
*CYJB250003Z	3 X 25.00	21.0	1064	0.780
*CYJB250004Z	4 X 25.00	23.6	1443	0.780
*CYJB250005Z	5 X 25.00	26.6	1795	0.780
*CYOB350002Z	2 X 35.00	22.8	1048	0.554
*CYJB350003Z	3 X 35.00	23.9	1432	0.554
*CYJB350004Z	4 X 35.00	27.2	2001	0.554
*CYJB350005Z	5 X 35.00	30.2	2413	0.554
*CYOB500002Z	2 X 50.00	28.6	1566	0.386
*CYJB500003Z	3 X 50.00	30.1	2158	0.386
*CYJB500004Z	4 X 50.00	34.0	2929	0.386
*CYJB500005Z	5 X 50.00	37.9	3532	0.386
*CYOB700002Z	2 X 70.00	32.1	2046	0.272
*CYJB700003Z	3 X 70.00	34.0	2848	0.272
*CYJB700004Z	4 X 70.00	38.4	3900	0.272
*CYJB700005Z	5 X 70.00	42.7	4708	0.272
*CYOB950002Z	2 X 95.00	37.3	2738	0.206
*CYJB950003Z	3 X 95.00	39.4	3837	0.206
*CYJB950004Z	4 X 95.00	44.5	5244	0.206
*CYJB950005Z	5 X 95.00	49.7	6376	0.206
*CYOB1200002Z	2 X 120.00	40.4	3308	0.161
*CYJB1200003Z	3 X 120.00	42.7	4696	0.161
*CYJB1200004Z	4 X 120.00	48.4	6433	0.161
*CYOB1500002Z	2 X 150.00	45.1	4125	0.129
*CYJB1500003Z	3 X 150.00	47.9	5837	0.129
*CYJB1500004Z	4 X 150.00	54.2	7996	0.129
*CYOB1850002Z	2 X 185.00	49.9	5017	0.106
*CYJB1850003Z	3 X 185.00	52.6	7090	0.106
*CYJB1850004Z	4 X 185.00	59.5	9736	0.106
*CYOB2400002Z	2 X 240.00	55.4	6308	0.0801
*CYJB2400003Z	3 X 240.00	58.7	8992	0.0801
*CYJB2400004Z	4 X 240.00	66.6	12404	0.0801

¹ Salvo disponibilità, prodotto da allestire su richiesta e quantità minima.

² Se non diversamente specificato, i valori relativi a peso e diametro sono da ritenersi indicativi.

Nota: altri valori, se disponibili e rilasciati per la pubblicazione, vengono forniti su richiesta.