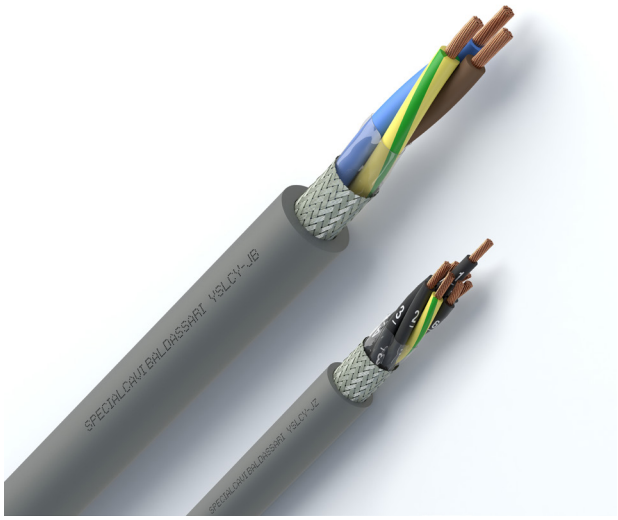
YSLCY -OB/-JB/-OZ/-JZ

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



STANDARDS

IEC 60228
IEC 60332-3-24 Cat.C

REACTION TO FIRE CLASS

EN 50575:2016 C_{ca} - s2, d0, a3

TEMPERATURES

Minimum working temperature:
- Fixed laying -25°C
- Occasional mobile laying w/o stress -5°C

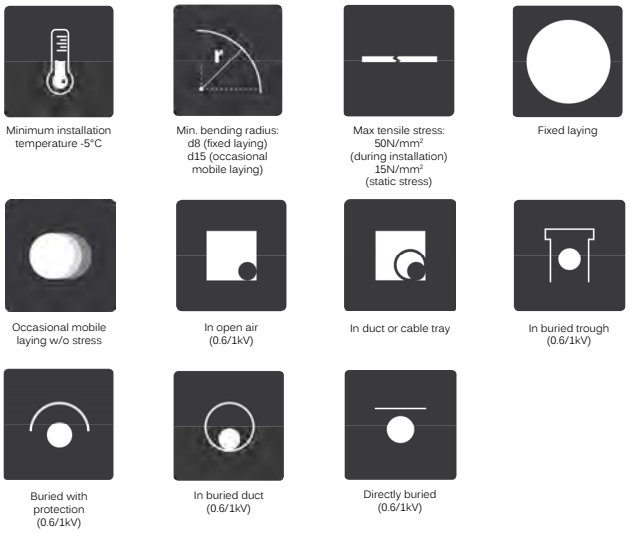
Maximum working temperature:
- Fixed laying +70°C
- Occasional mobile laying w/o stress +70°C

Maximum short circuit temperature: +160°C

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)

LAYING CONDITIONS



ELECTRICAL CHARACTERISTICS

Operating voltage:
- 300/500V section ≤ 2.5 mm²
- 450/750V section = 4.00 and 6.00 mm²
- 0.6/1kV section ≥ 10.00 mm²

Testing voltage:
- 2000V section ≤ 2.5 mm²
- 2500V section = 4.00 and 6.00 mm²
- 4000V section ≥ 10.00 mm²

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 ≤ 6.00 mm²): Underground laying is not permitted even if protected.
0.6/1kV (section ≥ 10.00 mm²): Direct or indirect underground laying is permitted (presence of water condiction AD7).

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PART NUMBER [n°]	FORMATION [n° x mm²]	OUTER DIAMETER[1] [mm]	WEIGHT[1] [kg/km]	MAX ELECTRICAL RESISTANCE AT 20°C [Ohm/km]
*CZOZ05002	2 X 0.50	5.0	45	39.00
*CZJZ05003	3 X 0.50	5.5	55	39.00
*CZJZ05004	4 X 0.50	5.9	65	39.00
*CZJZ05005	5 X 0.50	6.4	78	39.00
*CZJZ05006	6 X 0.50	6.9	89	39.00
*CZJZ05007	7 X 0.50	6.9	92	39.00
*CZJZ05008	8 X 0.50	8.2	123	39.00
*CZJZ05010	10 X 0.50	9.0	138	39.00
*CZJZ05012	12 X 0.50	9.0	146	39.00
*CZJZ05014	14 X 0.50	9.6	168	39.00
*CZJZ05015	15 X 0.50	10.1	187	39.00
*CZJZ05016	16 X 0.50	10.1	191	39.00
*CZJZ05018	18 X 0.50	10.6	209	39.00
*CZJZ05019	19 X 0.50	10.6	213	39.00
*CZJZ05020	20 X 0.50	11.2	233	39.00
*CZJZ05021	21 X 0.50	11.9	256	39.00
*CZJZ05024	24 X 0.50	12.7	279	39.00
*CZJZ05025	25 X 0.50	12.7	282	39.00
*CZJZ05027	27 X 0.50	12.7	290	39.00
*CZJZ05030	30 X 0.50	13.3	343	39.00
*CZJZ05032	32 X 0.50	14.0	372	39.00
*CZJZ05034	34 X 0.50	14.5	399	39.00
*CZJZ05036	36 X 0.50	14.5	409	39.00
*CZJZ05037	37 X 0.50	14.5	413	39.00
*CZJZ05041	41 X 0.50	15.9	467	39.00
*CZJZ05042	42 X 0.50	15.9	471	39.00
*CZJZ05048	48 X 0.50	16.6	518	39.00
*CZJZ05050	50 X 0.50	17.0	539	39.00
*CZJZ05065	65 X 0.50	19.4	699	39.00
*CZOZ07502	2 X 0.75	5.9	58	26.00
*CZJZ07503	3 X 0.75	6.1	69	26.00
*CZJZ07504	4 X 0.75	6.6	83	26.00
*CZJZ07505	5 X 0.75	7.4	104	26.00
*CZJZ07506	6 X 0.75	8.0	121	26.00
*CZJZ07507	7 X 0.75	8.0	127	26.00
*CZJZ07508	8 X 0.75	9.8	183	26.00
*CZJZ07510	10 X 0.75	10.4	189	26.00
*CZJZ07512	12 X 0.75	10.4	201	26.00
*CZJZ07514	14 X 0.75	10.9	226	26.00
*CZJZ07515	15 X 0.75	11.7	252	26.00
*CZJZ07516	16 X 0.75	11.7	258	26.00
*CZJZ07518	18 X 0.75	12.4	287	26.00
*CZJZ07519	19 X 0.75	12.4	293	26.00
*CZJZ07520	20 X 0.75	13.3	348	26.00
*CZJZ07521	21 X 0.75	14.1	375	26.00
*CZJZ07524	24 X 0.75	14.9	414	26.00
*CZJZ07525	25 X 0.75	14.9	420	26.00

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*CZJZ07527	27 X 0.75	14.9	432	26.00
*CZJZ07530	30 X 0.75	15.6	467	26.00
*CZJZ07532	32 X 0.75	16.3	512	26.00
*CZJZ07534	34 X 0.75	16.9	539	26.00
*CZJZ07536	36 X 0.75	16.9	555	26.00
*CZJZ07537	37 X 0.75	16.9	561	26.00
*CZJZ07541	41 X 0.75	18.4	644	26.00
*CZJZ07542	42 X 0.75	18.4	650	26.00
*CZJZ07548	48 X 0.75	19.3	712	26.00
*CZJZ07550	50 X 0.75	19.8	744	26.00
*CZJZ07565	65 X 0.75	22.8	976	26.00
*CZOZ10002	2 X 1.00	6.3	65	19.50
*CZOB10002	2 X 1.00	6.3	65	19.50
*CZJZ10003	3 X 1.00	6.5	81	19.50
*CZOB10003	3 X 1.00	6.5	81	19.50
CYJB10003	3 X 1.00	6.5	81	19.50
*CZJZ10004	4 X 1.00	7.1	99	19.50
*CZOB10004	4 X 1.00	7.1	99	19.50
CYJB10004	4 X 1.00	7.1	99	19.50
*CZJZ10005	5 X 1.00	7.9	123	19.50
CYJB10005	5 X 1.00	7.9	123	19.50
*CZJZ10006	6 X 1.00	8.7	144	19.50
*CZJZ10007	7 X 1.00	8.7	152	19.50
*CZJZ10008	8 X 1.00	10.3	197	19.50
*CZJZ10010	10 X 1.00	11.2	227	19.50
*CZJZ10012	12 X 1.00	11.2	243	19.50
*CZJZ10014	14 X 1.00	12.1	281	19.50
*CZJZ10015	15 X 1.00	12.9	337	19.50
*CZJZ10016	16 X 1.00	12.9	345	19.50
*CZJZ10018	18 X 1.00	13.8	385	19.50
*CZJZ10019	19 X 1.00	13.8	393	19.50
*CZJZ10020	20 X 1.00	14.5	426	19.50
*CZJZ10021	21 X 1.00	15.2	454	19.50
*CZJZ10024	24 X 1.00	16.4	511	19.50
*CZJZ10025	25 X 1.00	16.4	518	19.50
*CZJZ10027	27 X 1.00	16.4	534	19.50
*CZJZ10030	30 X 1.00	17.1	580	19.50
*CZJZ10032	32 X 1.00	17.6	623	19.50
*CZJZ10034	34 X 1.00	18.5	668	19.50
*CZJZ10036	36 X 1.00	18.5	689	19.50
*CZJZ10037	37 X 1.00	18.5	697	19.50
*CZJZ10041	41 X 1.00	20.2	796	19.50
*CZJZ10042	42 X 1.00	20.2	804	19.50
*CZJZ10048	48 X 1.00	21.1	883	19.50
*CZJZ10050	50 X 1.00	21.7	926	19.50
*CZJZ10065	65 X 1.00	24.9	1210	19.50

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*CZOZ15002	2 X 1.50	7.1	85	13.30
*CZOB15002	2 X 1.50	7.1	85	13.30
*CZJZ15003	3 X 1.50	7.6	109	13.30
*CZOB15003	3 X 1.50	7.6	109	13.30
*CZJB15003	3 X 1.50	7.6	109	13.30
*CZJZ15004	4 X 1.50	8.3	136	13.30
*CZOB15004	4 X 1.50	8.3	136	13.30
*CZJB15004	4 X 1.50	8.3	136	13.30
*CZJZ15005	5 X 1.50	9.5	188	13.30
*CZJB15005	5 X 1.50	9.5	188	13.30
*CZJZ15006	6 X 1.50	10.1	200	13.30
*CZJZ15007	7 X 1.50	10.1	212	13.30
*CZJZ15010	10 X 1.50	13.4	344	13.30
*CZJZ15012	12 X 1.50	13.4	367	13.30
*CZJZ15014	14 X 1.50	14.3	423	13.30
*CZJZ15015	15 X 1.50	15.0	458	13.30
*CZJZ15016	16 X 1.50	15.0	469	13.30
*CZJZ15018	18 X 1.50	16.1	534	13.30
*CZJZ15019	19 X 1.50	16.1	546	13.30
*CZJZ15020	20 X 1.50	17.0	585	13.30
*CZJZ15021	21 X 1.50	18.0	640	13.30
*CZJZ15024	24 X 1.50	19.2	710	13.30
*CZJZ15025	25 X 1.50	19.2	721	13.30
*CZJZ15027	27 X 1.50	19.2	745	13.30
*CZJZ15030	30 X 1.50	20.1	815	13.30
*CZJZ15032	32 X 1.50	20.8	879	13.30
*CZJZ15034	34 X 1.50	21.6	930	13.30
*CZJZ15036	36 X 1.50	21.6	961	13.30
*CZJZ15037	37 X 1.50	21.6	973	13.30
*CZJZ15041	41 X 1.50	23.6	1111	13.30
*CZJZ15042	42 X 1.50	23.6	1123	13.30
*CZJZ15048	48 X 1.50	24.9	1249	13.30
*CZJZ15050	50 X 1.50	25.6	1310	13.30
*CZJZ15065	65 X 1.50	29.6	1760	13.30
*CZOZ25002	2 X 2.50	8.3	120	7.98
*CZOB25002	2 X 2.50	8.3	120	7.98
*CZJZ25003	3 X 2.50	8.7	151	7.98
*CZOB25003	3 X 2.50	8.7	151	7.98
*CZJB25003	3 X 2.50	8.7	151	7.98
*CZJZ25004	4 X 2.50	9.8	194	7.98
*CZOB25004	4 X 2.50	9.8	194	7.98
*CZJB25004	4 X 2.50	9.8	194	7.98
*CZJZ25005	5 X 2.50	10.7	238	7.98
*CZJB25005	5 X 2.50	10.7	238	7.98
*CZJZ25006	6 X 2.50	11.8	287	7.98
*CZJZ25007	7 X 2.50	11.8	306	7.98

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*CZJZ25008	8 X 2.50	14.4	429	7.98
*CZJZ25010	10 X 2.50	15.9	502	7.98
*CZJZ25012	12 X 2.50	15.9	541	7.98
*CZJZ25014	14 X 2.50	16.8	609	7.98
*CZJZ25015	15 X 2.50	17.7	671	7.98
*CZJZ25016	16 X 2.50	17.7	691	7.98
*CZJZ25018	18 X 2.50	18.8	772	7.98
*CZJZ25019	19 X 2.50	18.8	792	7.98
*CZJZ25020	20 X 2.50	20.2	868	7.98
*CZJZ25021	21 X 2.50	21.2	937	7.98
*CZJZ25024	24 X 2.50	22.7	1045	7.98
*CZJZ25025	25 X 2.50	22.7	1065	7.98
*CZJZ25027	27 X 2.50	22.7	1104	7.98
*CZJZ25030	30 X 2.50	23.6	1203	7.98
*CZJZ25032	32 X 2.50	24.7	1311	7.98
*CZJZ25034	34 X 2.50	25.6	1386	7.98
*CZJZ25036	36 X 2.50	25.6	1436	7.98
*CZJZ25037	37 X 2.50	25.6	1456	7.98
*CZOB40002	2 X 4.00	10.0	169	4.95
*CZJB40003	3 X 4.00	10.4	221	4.95
*CZJB40004	4 X 4.00	11.7	284	4.95
*CZJB40005	5 X 4.00	13.1	381	4.95
*CZJZ40007	7 X 4.00	14.4	489	4.95
*CZJZ40008	8 X 4.00	16.0	573	4.95
*CZJZ40010	10 X 4.00	19.1	732	4.95
*CZJZ40012	12 X 4.00	19.1	795	4.95
*CZJZ40019	19 X 4.00	22.9	1194	4.95
*CZJZ40024	24 X 4.00	27.7	1616	4.95
*CZOB60002	2 X 6.00	11.6	233	3.30
*CZJB60003	3 X 6.00	12.2	309	3.30
*CZJB60004	4 X 6.00	13.9	443	3.30
*CZJB60005	5 X 6.00	15.1	519	3.30
*CZJZ60007	7 X 6.00	16.8	676	3.30
*CZOB100002	2 X 10.00	14.1	378	1.91
*CZJB100003	3 X 10.00	14.7	493	1.91
*CZJB100004	4 X 10.00	16.6	661	1.91
*CZJB100005	5 X 10.00	18.3	787	1.91
*CZJZ100007	7 X 10.00	20.3	1037	1.91
CYOB160002	2 X 16.00	16.6	532	1.21
*CZJB160003	3 X 16.00	17.3	717	1.21
*CZJB160004	4 X 16.00	19.5	964	1.21
*CZJB160005	5 X 16.00	21.6	1157	1.21
*CZJZ160007	7 X 16.00	23.9	1529	1.21

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*CZOB250002	2 X 25.00	20.1	780	0.780
*CZJB250003	3 X 25.00	21.0	1064	0.780
*CZJB250004	4 X 25.00	23.6	1443	0.780
*CZJB250005	5 X 25.00	26.6	1795	0.780
*CZOB350002	2 X 35.00	22.8	1048	0.554
*CZJB350003	3 X 35.00	23.9	1432	0.554
*CZJB350004	4 X 35.00	27.2	2001	0.554
*CZJB350005	5 X 35.00	30.2	2413	0.554
*CZOB500002	2 X 50.00	28.6	1566	0.386
*CZJB500003	3 X 50.00	30.1	2158	0.386
*CZJB500004	4 X 50.00	34.0	2929	0.386
*CZJB500005	5 X 50.00	37.9	3532	0.386
*CZOB700002	2 X 70.00	32.1	2046	0.272
*CZJB700003	3 X 70.00	34.0	2848	0.272
*CZJB700004	4 X 70.00	38.4	3900	0.272
*CZJB700005	5 X 70.00	42.7	4708	0.272
*CZOB950002	2 X 95.00	37.3	2738	0.206
*CZJB950003	3 X 95.00	39.4	3837	0.206
*CZJB950004	4 X 95.00	44.5	5244	0.206
*CZJB950005	5 X 95.00	49.7	6376	0.206
*CZOB1200002	2 X 120.00	40.4	3308	0.161
*CZJB1200003	3 X 120.00	42.7	4696	0.161
*CZJB1200004	4 X 120.00	48.4	6433	0.161
*CZOB1500002	2 X 150.00	45.1	4125	0.129
*CZJB1500003	3 X 150.00	47.9	5837	0.129
*CZJB1500004	4 X 150.00	54.2	7996	0.129
*CZOB1850002	2 X 185.00	49.9	5017	0.106
*CZJB1850003	3 X 185.00	52.6	7090	0.106
*CZJB1850004	4 X 185.00	59.5	9736	0.106
*CZOB2400002	2 X 240.00	55.4	6308	0.0801
*CZJB2400003	3 X 240.00	58.7	8992	0.0801
*CZJB2400004	4 X 240.00	66.6	12404	0.0801

* According to in-stock availability, cable which must be produced on request and minimum quantity
[1] Unless otherwise specified, the values for weight and diameter are indicative.
Note: other values, if available and released for publication, are available on request.

ON REQUEST

- Customized cores identification/outer sheath colours