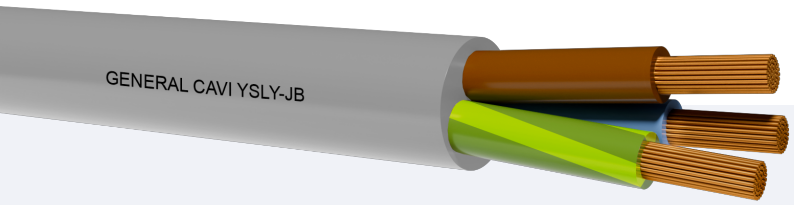
FOR INTERNATIONAL MARKET

YSLY-OZ/JZ 300/500V

[D] [SR] YSLY-OB/JB Eca

Model Product: 225-213-209-210 - 20211012



FLEXIBLE, NUMBER CODED, CABLES FOR MEASURING AND CONTROL INSTALLATION.
Colour coded cores (OB/JB)HD 308

Class 5 flexible copper conductor.
PVC Insulation in TI2 quality.
PVC sheath in TM2 quality.

STANDARDS

DIN EN 50525-2-51 (vde 0285-525-2-51):2012-01; EN 50525-2-51:2012-01 VDE Reg. Nr. 8390
EN 50575:2014 + EN 50575/A1:2016

Accordingly to the standards BT 2014/35/UE- 2011/65/EU RoHS 2

Nominal voltage U0: 300 V
Nominal voltage U: 500 V
Test voltage: 4000 V
Maximun operating temperature: +70°C
Minimum installation and laying temperature: -5°C
Min. operating temperature (without mechanical shocks): -40°C +80°C

COMMON FEATURES

Multiconductor oil resistant cables suitable for connection to fixed or mobile devices, for signalling and control system.Suitable for indoor enviroment (dry or wet) , and for outdoor enviroment (only for a temporary and protected use). The selected raw materials and small outer dimensions, guarantee a good flexibility, and reduced weight, as well as a safe, economic and fast installation.A system operating voltage can always overflow the 10% of its standard voltage..Supply of electricity and communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.

EMPLOYMENT

Minimum bending radius per D cable diameter (in mm):
15 x external diam. (mobile installation)
6 x external diam. (fixed installation)

Maximum pulling stress: 50 N/mm2 (during installation)
15 N/mm2 (static stress)

PACKING

Drums to agree

CORE COLOURS

Multicores: black core with white numbering(OZ) + GreenYellow core (JZ).

SHEATH COLOUR

Grey RAL 7001

INK MARKING

GENERAL CAVI Eca VDE-Reg-Nr 8390 YSLY-JZ 300/500V [n° cond] x [sec.] batch number Batch Data

NOTE

TEMPERATURE RANGE flexing:-5 +70°C
TEMPERATURE fixed installation without mechanical shocks:-40 +80°C
Colour coded cores on request (OB/JB)HD 308
Oil resistant EN 50290-2-22

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Tabella / table

	Cond.xSec	Outer diameter	Weight		Cond.xSec	Outer diameter	Weight
	(N°xmmq)	(mm)	(kg/km)		(N°xmmq)	(mm)	(kg/km)
Multicores							
-	2x0.50	4.8	32	-	2x1.5	6	58
-	3x0.50	5.1	39	-	3x1.5	6.4	72
-	4x0.50	5.5	47	-	4x1.5	7.2	93
-	5x0.50	6	55	-	5x1.5	7.8	111
-	6x0.50	6.5	64	-	6x1.5	8.5	129
-	7x0.50	6.5	71	-	7x1.5	8.5	144
-	8x0.50	7.5	83	-	8x1.5	9.7	169
-	10x0.50	8.4	101	-	10x1.5	11	205
-	12x0.50	8.7	115	-	12x1.5	11.6	243
-	14x0.50	9.1	131	-	14x1.5	12.1	278
-	16x0.50	10.3	151	-	16x1.5	12.8	312
-	18x0.50	10.3	166	-	18x1.5	13.5	346
-	21x0.50	11.7	197	-	21x1.5	15.1	400
-	25x0.50	12.5	228	-	25x1.5	16.2	467
-	27x0.50	12.5	242	-	2x2.5	7.1	85
-	30x0.50	12.9	264	-	3x2.5	7.5	108
-	34x0.50	13.9	296	-	4x2.5	8.3	135
-	37x0.50	13.9	316	-	5x2.5	9	162
-	42x0.50	15	355	-	6x2.5	10.1	195
-	2x0.75	5.2	40	-	7x2.5	10.1	219
-	3x0.75	5.5	48	-	8x2.5	11.3	250
-	4x0.75	6	59	-	10x2.5	13	310
-	5x0.75	6.5	70	-	12x2.5	13.4	361
-	6x0.75	7.3	85	-	14x2.5	14.1	414
-	7x0.75	7.3	94	-	16x2.5	14.9	467
-	8x0.75	8.2	106	-	18x2.5	15.8	519
-	10x0.75	9.4	133	-	21x2.5	17.7	602
-	12x0.75	9.7	153	-	25x2.5	18.9	705
-	14x0.75	10.2	174	-	2x4	8.6	127
-	16x0.75	10.7	195	-	3x4	9.4	167
-	18x0.75	11.5	221	-	4x4	10.3	209
-	21x0.75	12.4	256	-	5x4	11.3	252
-	25x0.75	13.7	297	-	2x6	10	179
-	27x0.75	13.7	315	-	3x6	10.7	232
-	30x0.75	14.2	345	-	4x6	11.9	298

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	Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)		Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)
-	34x0.75	15.3	388	-	5x6	13.1	360
-	37x0.75	15.3	415	-	2x10	13.4	314
-	42x0.75	16.6	467	-	3x10	14.3	407
-	2x1	5.6	47	-	4x10	15.8	514
-	3x1	5.9	58	-	5x10	17.4	623
-	4x1	6.5	71	-	2x16	15.8	416
-	5x1	7.3	88	-	3x16	16.9	605
-	6x1	7.9	102	-	4x16	18.7	769
-	7x1	7.9	113	-	5x16	20.6	950
-	8x1	8.8	128	-	2x25	18.8	673
-	10x1	10.2	160	-	3x25	20.1	910
-	12x1	10.5	185	-	4x25	22.5	1165
-	14x1	11.1	211	-	5x25	24.9	1417
-	16x1	11.9	242	-	2x35	20.8	916
-	18x1	12.5	268	-	3x35	22.5	1217
-	21x1	14	310	-	4x35	24.9	1549
-	25x1	14.9	361	-	5x35	27.6	1889
-	27x1	14.9	384	-	2x50	24.4	1270
-	30x1	15.5	421	-	3x50	26.2	1675
-	34x1	16.7	473	-	4x50	29.3	2151
-	37x1	16.7	507	-	5x50	33	2671
-	42x1	18.1	571	-	4x70	38.70	3600

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Tabella / table

-	Nominal Section	Toegelaten stroomsterkste voor een verbinding in open lucht bij 30°C (A)							Maximale kernweerstand (klasse 5) bij 20°C (IEC 60228)
		2	3-4-5	7	12	18	27	36	
	(mmq)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(Ohm/km)
Multicores									
-	0.50	10	9	6.5	5.5	4.5	4	3.5	39
-	0.75	13.5	12	9	7	6	5.5	5	26
-	1	15	13.5	10.5	8	7	6.5	5.5	19.5
-	1.5	19.5	17.5	13	10.5	9.5	8	7	13.3
-	2.5	26	24	17.5	14.5	12.5	11	10	7.98
-	4	35	32	-	-	-	-	-	4.95
-	6	46	41	-	-	-	-	-	3.3
-	10	63	57	-	-	-	-	-	1.91
-	16	85	76	-	-	-	-	-	1.21
-	25	112	101	-	-	-	-	-	0.78
-	35	138	125	-	-	-	-	-	0.554
-	50	168	151	-	-	-	-	-	0.386