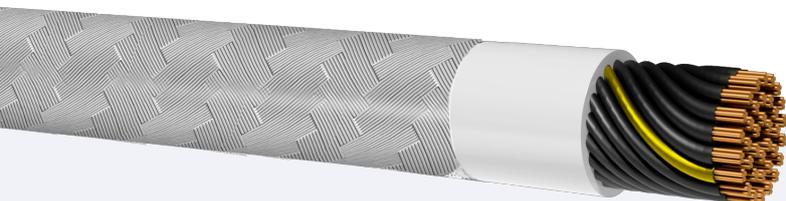


YSLYSY 300/500V

[D](-OZ) (-JZ) (-OB) (-JB) CPR Eca

Model Product: 294-295 - 20210324



Class 5 flexible copper conductor.
 PVC Insulation in T12 quality.
 Inner Sheath of PVC TM2 type. Grey.
 Armour in galvanized steel wires braid.
 Outer Sheath of transparent PVC TM2 type.

STANDARDS

VDE 0472 / IEC 60332-1 VDE 0295 / IEC 60228 CL.5 VDE 0290; 0290; 0281; 0245; 0293.
 EN 50575:2014 + EN 50575/A1:2016

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

COMMON FEATURES

Multiconductor oil resistant armoured cables suitable for connection to fixed or mobile devices, for signalling and control system. Suitable for indoor environment (dry or wet), and for outdoor environment (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):
 20 x external diam. (mobile installation)
 10 x external diam. (fixed installation)

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

PACKING

100m ring inside Heat Shrink Packaging
 500m, 1000m drum.

FLEXIBLE, ARMURED, CABLES FOR MEASURING AND CONTROL INSTALLATION.

Nominal voltage U0: 300 V

Nominal voltage U: 500 V

Test voltage: 4000 V

Maximum operating temperature: +70°C

Minimum installation and laying temperature: -5°C

Min. operating temperature (without mechanical shocks): -40°C

CORE COLOURS

Multicores: black core with white numbering(OZ) + GreenYellow core (JZ). Colored Cores (OB)+ GreenYellow core (JB)

SHEATH COLOUR

TRASPARENT OR GREY RAL 7001

INK MARKING

GENERAL CAVI YSLYSY-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

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YSLY_SY OZ_JZ

	Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)		Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)
Multicores							
-	2x0.50	7.2	77	-	2x1.5	8.7	115
-	3x0.50	7.4	90	-	3x1.5	9.3	135
-	4x0.50	8	100	-	4x1.5	10.2	170
-	5x0.50	8.6	113	-	5x1.5	10.9	200
-	6x0.50	9.7	135	-	6x1.5	12	245
-	7x0.50	9.7	145	-	7x1.5	12	250
-	8x0.50	10.4	160	-	8x1.5	13.2	315
-	10x0.50	11.1	180	-	10x1.5	14.7	355
-	12x0.50	11.2	195	-	12x1.5	15.1	385
-	14x0.50	12.1	230	-	14x1.5	15.7	475
-	16x0.50	12.8	260	-	16x1.5	16.4	515
-	18x0.50	13.3	287	-	18x1.5	18.2	545
-	21x0.50	14.7	340	-	21x1.5	18.9	705
-	25x0.50	16	420	-	25x1.5	20.9	785
-	2x0.75	7.7	87	-	2x2.5	9.9	160
-	3x0.75	7.8	95	-	3x2.5	10.5	185
-	4x0.75	8.3	110	-	4x2.5	11.3	220
-	5x0.75	9.1	130	-	5x2.5	12.5	270
-	6x0.75	10.1	155	-	6x2.5	14.9	390
-	7x0.75	10.1	160	-	7x2.5	14.9	400
-	8x0.75	11.3	230	-	8x2.5	15.2	405
-	10x0.75	12.4	280	-	10x2.5	17.2	555
-	12x0.75	12.7	300	-	12x2.5	17.7	600
-	14x0.75	13.2	325	-	14x2.5	18.4	620
-	16x0.75	14	345	-	16x2.5	19.2	680
-	18x0.75	14.6	360	-	18x2.5	20.2	740
-	21x0.75	16	465	-	21x2.5	22.7	810
-	25x0.75	17.6	520	-	25x2.5	23.7	920
-	2x1	7.4	90	-	2x4	11.8	230
-	3x1	8.3	110	-	3x4	12.5	254
-	4x1	9.5	135	-	4x4	13.7	315
-	5x1	9.9	155	-	5x4	14.6	380
-	6x1	10.3	175	-	2x6	13.7	300
-	7x1	10.3	180	-	3x6	14.2	370
-	8x1	11.8	280	-	4x6	14.7	420



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	Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)		Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)
-	10x1	13.2	340	-	5x6	16.3	520
-	12x1	13.6	350	-	2x10	13.7	520
-	14x1	14.1	415	-	3x10	14.4	770
-	16x1	14.7	435	-	4x10	15.8	1040
-	18x1	15.6	530	-	5x10	21.8	1135
-	21x1	16.6	575	-			
-	25x1	18.3	700	-			
-	-	-	-	-	-	-	-
-	2x16	18.5	620	-	2x25	21.5	820
-	3x16	19.6	870	-	3x25	23	1080
-	4x16	22.8	1400	-	4x25	29.1	1910
-	5x16	25.4	1570	-	5x25	32	2300
-	-	-	-	-	-	-	-
-	2x35	27.9	1170	-	2x50	34.1	1920
-	3x35	29.7	1420	-	3x50	36.1	2720
-	4x35	32.4	2410	-	4x50	38.4	3330
-	5x35	36.6	2900	-	5x50	43.2	4170

LSZH - Low Smoke Zero Halogen Version HSLH-SH OZ/JZOB/JB
 LSZH sheath. Same diameters and number of pairs of standard PVC version.
 Minimum Order Quantity request.