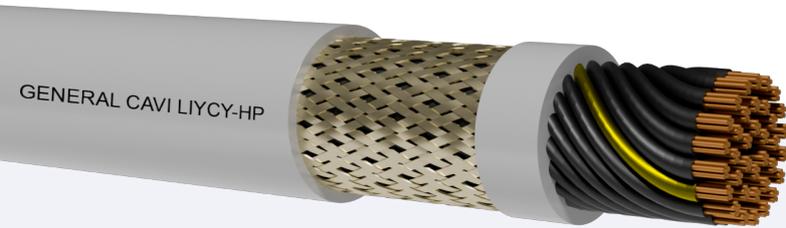


# LIYCY HP -OZ/JZ/OB/JB 300/500V

[BE]CPR Cca-s3,d1,a3

Model Product: P58 P59 P60 P61 P62 P63 P64 P65 -  
20201202



Class 5 flexible copper conductor.  
PVC Insulation in T12 quality.  
Tinned copper wires braid screen (Kf>75%)  
PVC sheath in TM2 quality.

## STANDARDS

VDE 0472 / 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 screened 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. 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/mm<sup>2</sup> (during installation)  
15 N/mm<sup>2</sup> (static stress)

## PACKING

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

FLEXIBLE, SCREENED, NUMBER CODED, CABLES FOR  
MEASURING AND CONTROL INSTALLATION.  
Colour coded cores (OB/JB)HD 308 or DIN 47100

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

Grey RAL 7001

## INK MARKING

GENERAL CAVI Cca-s3,d1,a3 LIYCY HP-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 or DIN 47100

Oil resistant EN 50290-2-22

UV resistant according to EN 50289-4-17 method A (720h)

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## Tabella / table

	Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)		Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)
Multicores							
-	2x0.50	5.4	41	-	2x1.5	6.7	67
-	3x0.50	5.7	50	-	3x1.5	7	85
-	4x0.50	6.1	59	-	4x1.5	7.9	106
-	5x0.50	6.6	72	-	5x1.5	8.6	130
-	6x0.50	7.1	82	-	6x1.5	9.2	155
-	7x0.50	7.1	85	-	7x1.5	9.2	165
-	8x0.50	8.1	110	-	8x1.5	10.5	215
-	10x0.50	9.1	123	-	10x1.5	12.1	245
-	12x0.50	9.4	138	-	12x1.5	12.5	280
-	14x0.50	10	159	-	14x1.5	13.1	315
-	16x0.50	10.5	175	-	16x1.5	13.8	350
-	18x0.50	11	198	-	18x1.5	14.5	395
-	21x0.50	12.5	230	-	21x1.5	15.6	440
-	25x0.50	13.2	260	-	25x1.5	16.7	510
-	2x0.75	5.8	49	-	2x2.5	7.9	95
-	3x0.75	6.1	60	-	3x2.5	8.4	125
-	4x0.75	6.6	73	-	4x2.5	9.1	155
-	5x0.75	7.2	87	-	5x2.5	10.1	190
-	6x0.75	7.9	104	-	6x2.5	11	230
-	7x0.75	7.9	110	-	7x2.5	11	245
-	8x0.75	8.8	138	-	8x2.5	12.5	290
-	10x0.75	10	155	-	10x2.5	14.1	350
-	12x0.75	10.3	175	-	12x2.5	14.6	405
-	14x0.75	10.8	200	-	14x2.5	15.3	460
-	16x0.75	11.5	220	-	16x2.5	16.1	520
-	18x0.75	12.2	255	-	18x2.5	18.2	570
-	21x0.75	13.6	290	-	21x2.5	19.4	660
-	25x0.75	14.4	325	-	25x2.5	21	770
-	2x1	6.3	56	-	2x4	9	130
-	3x1	6.6	70	-	3x4	9.9	175
-	4x1	7.2	85	-	4x4	10.8	220
-	5x1	8	105	-	5x4	11.7	270
-	6x1	8.7	125	-	2x6	10.5	180

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	Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)		Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)
-	7x1	8.7	130	-	3x6	11	240
-	8x1	9.9	170	-	4x6	12.5	310
-	10x1	11	190	-	5x6	13.6	385
-	12x1	11.3	215	-	2x10	13.9	302
-	14x1	12.2	250	-	3x10	14.8	410
-	16x1	12.8	280	-	4x10	16.3	523
-	18x1	13.5	315	-	5x10	17.9	637
-	21x1	15	360	-			
-	25x1	16	410	-			
-	-	-	-	-	-	-	-
-	2x16	16.3	433	-	2x25	19.3	616
-	3x16	17.4	598	-	3x25	20.6	864
-	4x16	19.2	769	-	4x25	23	1128
-	5x16	21.1	941	-	5x25	25.4	1384
-	-	-	-	-	-	-	-
-	2x35	20.8	900	-	2x50	24.4	1250
-	3x35	22.5	1200	-	3x50	26.2	1654
-	4x35	24.9	1530	-	4x50	29.3	2127
-	5x35	27.6	1866	-	5x50	33	2641

LSZH - Low Smoke Zero Halogen Version.

LSZH sheath. Same diameters and number of pairs of standard PVC version.

Minimum Order Quantity request.