

LIYCY HP – OZ/JZ 300/500V CPR Cca-s3,d1,a3



Standards

Flexible conductor, class 5 copper
PVC Insulation in TI2 quality.
Tinned copper wires braid screen (Kf>75%)
PVC sheath in TM2 quality.

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 (only for 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

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

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.

Core colours

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

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



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	Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)		Cond.xSec (N°xmmq)	Outer diameter (mm)	Weight (kg/km)
35910204	2x0.50	5.4	41	35910207	2x1.5	6.7	67
35910304	3x0.50	5.7	50	35910307	3x1.5	7	85
35910404	4x0.50	6.1	59	35910407	4x1.5	7.9	106
35910504	5x0.50	6.6	72	35910507	5x1.5	8.6	130
35910604	6x0.50	7.1	82	35910607	6x1.5	9.2	155
35910704	7x0.50	7.1	85	35910707	7x1.5	9.2	165
35910804	8x0.50	8.1	110	35910807	8x1.5	10.5	215
35911004	10x0.50	9.1	123	35911007	10x1.5	12.1	245
35911204	12x0.50	9.4	138	35911207	12x1.5	12.5	280
35911404	14x0.50	10	159	35911407	14x1.5	13.1	315
35911604	16x0.50	10.5	175	35911607	16x1.5	13.8	350
35911804	18x0.50	11	198	35911807	18x1.5	14.5	395
35912104	21x0.50	12.5	230	35912107	21x1.5	15.6	440
35912504	25x0.50	13.2	260	35912507	25x1.5	16.7	510
35910205	2x0.75	5.8	49	35910208	2x2.5	7.9	95
35910305	3x0.75	6.1	60	35910308	3x2.5	8.4	125
35910405	4x0.75	6.6	73	35910408	4x2.5	9.1	155
35910505	5x0.75	7.2	87	35910508	5x2.5	10.1	190
35910605	6x0.75	7.9	104	35910608	6x2.5	11	230
35910705	7x0.75	7.9	110	35910708	7x2.5	11	245
35910805	8x0.75	8.8	138	35910808	8x2.5	12.5	290
35911005	10x0.75	10	155	35911008	10x2.5	14.1	350
35911205	12x0.75	10.3	175	35911208	12x2.5	14.6	405
35911405	14x0.75	10.8	200	35911408	14x2.5	15.3	460
35911605	16x0.75	11.5	220	35911608	16x2.5	16.1	520
35911805	18x0.75	12.2	255	35911808	18x2.5	18.2	570
35912105	21x0.75	13.6	290	35912108	21x2.5	19.4	660
35912505	25x0.75	14.4	325	35912508	25x2.5	21	770
35910206	2x1	6.3	56	35910209	2x4	9	130
35910306	3x1	6.6	70	35910309	3x4	9.9	175
35910406	4x1	7.2	85	35910409	4x4	10.8	220
35910506	5x1	8	105	35910509	5x4	11.7	270
35910606	6x1	8.7	125	35910210	2x6	10.5	180
35910706	7x1	8.7	130	35910310	3x6	11	240
35910806	8x1	9.9	170	35910410	4x6	12.5	310
35911006	10x1	11	190	35910510	5x6	13.6	385
35911206	12x1	11.3	215	35910211	2x10	13.9	302
35911406	14x1	12.2	250	35910311	3x10	14.8	410
35911606	16x1	12.8	280	35910411	4x10	16.3	523
35911806	18x1	13.5	315	35910511	5x10	17.9	637
35912106	21x1	15	360				
35912506	25x1	16	410				
-	-	-	-	-	-	-	-
35910210	2x16	16.3	433	35910213	2x25	19.3	616
35910310	3x16	17.4	598	35910313	3x25	20.6	864
35910410	4x16	19.2	769	35910413	4x25	23	1128
35910510	5x16	21.1	941	35910513	5x25	25.4	1384
-	-	-	-	-	-	-	-
35710214	2x35	20.8	900	35910215	2x50	24.4	1250
35710314	3x35	22.5	1200	35910315	3x50	26.2	1654
35710414	4x35	24.9	1530	35910415	4x50	29.3	2127
35710514	5x35	27.6	1866	35910515	5x50	33	2641



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