

CONDORFLEX® YY EB JZ/OZ 300/500V

CPR Class **Eca**

DOP Number **001 2017**



RESISTENTE AGLI OLI
OIL RESISTANCE

IMPIEGO APPROPRIATO / APPROPRIATE USE

Impiegato per il trasporto di energia e per segnalamento e comando, dentro tubi e canaline protette.
Non è ammessa la posa interrata.

Suitable for signalling and control, installed inside proper pipes and protected ducts. Buried laying is not allowed.

	CARATTERISTICHE/ CHARACTERISTICS	DESCRIZIONE/ DESCRIPTION	NORME/ REFERENCE
	Tipo di cavo Type of cable	YSLY EB JZ/OZ	
	Tensione nominale Nominal Voltage	Uo/U 300/500 V	
1	Conduttore Core	Flessibile di rame rosso ricotto classe 5 Class 5 flexible annealed red copper	EN 60228
2	Isolamento Insulation	PVC tipo T12 special PVC T12 special type	EN 50363
3	Guaina Sheath	PVC tipo TM2 special, colore blu RAL 5015 (resistente agli oli TM54) PVC TM2 special type, blue colour RAL 5015 (Oil Resistance TM54)	EN 50363
	Campo di temperatura Temperature range	Movimento occasionale: da -15°C a +70°. Posa mobile: -5°C + 70°C Posa fissa: da -40°C a +80°C Occasional flexing: from -15°C to +70°C. Mobile laying: from -5°C to +70°C Fixed laying: from -40°C to +80°C	
	Temperatura massima di corto circuito Maximum short circuit temperature	150°C	
	Tensione di prova Testing voltage	4000V AC	
	Raggio minimo di curvatura Minimum banding radius	Posa fissa: 4 x diametro esterno - Posa mobile: 10 x diametro esterno Fixed laying: 4 x external diameter - Mobile laying: 10 x external diameter	
	Imballo Package	Matasse mt.100 in termoretraibile - Bobine 100 m thermo-shrinking material coils - Drums	

NORME RIF. GENERALI / GENERAL REFERENCE

VDE REG F078, EN 50525-2-51, EN 50575:2014 + EN 50575/A1:2016

IDENTIFICAZIONE CONDUTTORI / CORE IDENTIFICATION

Nere numerate bianche (EN 50334). JZ: con Giallo/Verde; OZ: senza Giallo/Verde
Black cores numbered in white (EN 50334). JZ: with Yellow/Green; OZ: no Yellow/Green

MULTISTANDARD
CABLES

CONTROL
CABLES

DATA
CABLES

ENERGY
CABLES

SPECIAL
CABLES

SHIELDED
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ARMOURED
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UTILITIES

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Sezione 0.50 mm ²			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 0.50	4.8	35	9.6
3 x 0.50	5.1	42	14.4
4 x 0.50	5.7	54	19.2
5 x 0.50	6.2	63	24.0
7 x 0.50	6.7	81	33.6
10 x 0.50	8.6	116	48.0
12 x 0.50	8.9	131	57.6
14 x 0.50	9.5	153	67.0
18 x 0.50	10.5	188	86.4
21 x 0.50	11.7	221	101.0
25 x 0.50	12.4	261	120.0

Sezione 0.75 mm ²			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 0.75	5.4	45	14.4
3 x 0.75	5.7	55	21.6
4 x 0.75	6.2	66	28.8
5 x 0.75	6.7	79	36.0
7 x 0.75	7.3	101	50.0
9 x 0.75	9.4	137	65.0
10 x 0.75	9.6	150	72.0
12 x 0.75	9.9	171	86.0
15 x 0.75	10.9	209	108.0
16 x 0.75	11.1	220	115.2
18 x 0.75	11.7	244	130.0
21 x 0.75	13	286	151.0
25 x 0.75	13.8	337	180.0

Sezione 1 mm ²			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 1	5.7	53	19.2
3 x 1	6	65	28.8
4 x 1	6.5	79	38.4
5 x 1	7.1	94	48.0
6 x 1	8	113	58.0
7 x 1	8	126	67.0
8 x 1	9.5	149	77.0
9 x 1	10	164	86.0
10 x 1	10.2	180	96.0
12 x 1	10.5	205	115.0
14 x 1	11.2	238	134.0
16 x 1	11.8	266	153.6
18 x 1	12.7	320	173.0
20 x 1	13.4	330	192.0
25 x 1	14.7	408	240.0

Sezione 1.5 mm ²			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 1.5	6.3	68	28.8
3 x 1.5	6.7	84	43.2
4 x 1.5	7.2	104	57.6
5 x 1.5	8.1	128	72.0
6 x 1.5	8.4	157	86.4
7 x 1.5	8.9	166	101.0
8 x 1.5	10.6	210	115.0
9 x 1.5	11.4	221	130.0
10 x 1.5	11.6	243	143.0
11 x 1.5	11.6	258	158.0
12 x 1.5	12	279	173.0
14 x 1.5	12.7	323	202.0
16 x 1.5	13.4	361	230.4
18 x 1.5	14.4	407	259.0
21 x 1.5	15.7	469	302.0
25 x 1.5	16.9	560	360.0