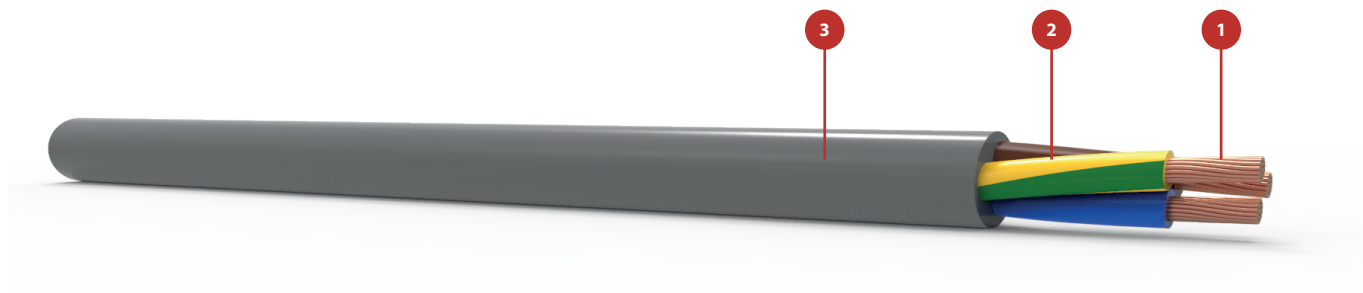


CONDORFLEX® YY JB/OB 450/750V

CPR Class **Eca**

DOP Number **004 2020**



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 JB/OB	
	Tensione nominale Nominal Voltage	Uo/U 450/750 V	
1	Conduttore Core	Flessibile di rame rosso nudo classe 5 Class 5 flexible raw red copper	EN 60228
2	Isolamento Insulation	PVC tipo TI2 special PVC TI2 special type	EN 50363
3	Guaina Sheath	PVC tipo TM2 special, colore grigio RAL 7001 (resistente agli oli TM54) PVC TM2 special type, grey colour RAL 7001 (Oil Resistance TM54)	EN 50363
	Campo di temperatura Temperature range	Movimento occasionale: da -5°C a +70°. Posa fissa: da -40°C a +80°C Occasional flexing: 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: 15 x diametro esterno Fixed laying: 4 x external diameter - Mobile laying: 15 x external diameter	
	Imballo Package	Matasse mt.100 in termoretraibile - Bobine 100 m thermo-shrinking material coils - Drums	

NORME RIF. GENERALI / GENERAL REFERENCE

EN 50525-2-1, EN 50575:2014 + EN 50575/A1:2016

IDENTIFICAZIONE CONDUTTORI / CORE IDENTIFICATION

Conduttori colorati (VDE 0293-308). JB: con Giallo/Verde; OB: senza Giallo/Verde

Coloured cores (VDE 0293-308). JB: with Yellow/Green; OB: no Yellow/Green

MULTISTANDARD
CABLES

CONTROL
CABLES

DATA
CABLES

ENERGY
CABLES

SPECIAL
CABLES

SHIELDED
CABLES

ARMOURED
CABLES

UTILITIES

MULTISTANDARD
CABLES

CROSS-SECTION 2.5 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 2.5	8.9	128	48.0
3 x 2.5	9.6	162	72.0
4 x 2.5	10.7	203	96.0
5 x 2.5	11.8	242	120.0
7 x 2.5	13.1	321	168.0
8 x 2.5	15.8	385	192.0

CROSS-SECTION 4 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 4	10.4	187	76.8
3 x 4	11.2	244	115.2
4 x 4	12.5	297	154.0
5 x 4	13.7	355	192.0
7 x 4	15.2	471	269.0

CONTROL
CABLES

CROSS-SECTION 6 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
3 x 6	12.6	318	173.0
4 x 6	13.8	394	230.0
5 x 6	15.6	489	288.0
7 x 6	17.3	651	403.0

CROSS-SECTION 10 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
3 x 10	15.9	516	288.0
4 x 10	17.6	650	384.0
5 x 10	19.7	792	480.0
7 x 10	21.7	1058	672.0

DATA
CABLES

CROSS-SECTION 16 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
3 x 16	18.3	728	461.0
4 x 16	20.4	1087	614.0
5 x 16	22.8	1118	768.0

CROSS-SECTION 25 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
3 x 25	23.0	1388	720.0
4 x 25	25.4	1582	960.0
5 x 25	28.5	1771	1200.0

ENERGY
CABLES

CROSS-SECTION 35 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
3 x 35	25.6	1766	1008
4 x 35	28.5	2106	1344.0
5 x 35	31.9	2635	1680.0

CROSS-SECTION 50 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
3 x 50	31.0	2556	1440.0
4 x 50	34.5	2943	1920.0
5 x 50	38.6	3936	2400.0

SPECIAL
CABLES

SHIELDED
CABLES

ARMOURED
CABLES

UTILITIES