

# CYKY 450/750V

**TF**  
Kable

CSN 34 7656 and CSN 34 7615



**PVC insulated and PVC sheathed power cables**

<b>Conductors:</b>	solid from copper soft wires class 1 - IEC 60228
<b>Insulation:</b>	PVC type TI1
<b>Inner covering:</b>	non-vulcanized rubber
<b>Outer sheath:</b>	PVC type TM1i
<b>Colour of sheath:</b>	Black
<b>Identification of conductors:</b>	CSN 33 0165 or HD 308

**Dielectric test voltage 50Hz:** 2,5kV

**Max temperature of conductor during cable operation:** + 70°C

**Operating temperature:** -15°C do + 70°C

**Min ambient temperature at laying of cables:** -5°C

**Max temperature of conductor at short-circuit:** +150°C

**Min bending radius:** 10 x D – outer diameter of cable

**Resistance to flame propagation:** IEC 60332-1

**Standard packing** Drums 500 or 1000 m. Other lengths and types of packing may be offered.

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Number and cross-sectional area of conductor	Number of wires in conductor	Nominal thickness of insulation	Nominal thickness of sheath	Approximate overall diameter	Approximate net weight	Maximum resistance of conductor at temperature 20°C
n x mm <sup>2</sup>	mm	mm	mm	mm	kg/km	Ω/km
2 * 1,5	1	0,80	1,00	8,40	114	12,1
2 * 2,5	1	0,90	1,00	9,60	156	7,41
2 * 4	1	1,00	1,00	10,90	213	4,61
3 * 1,5	1	0,80	1,00	8,90	133	12,1
3 * 2,5	1	0,90	1,00	10,10	184	7,41
3 * 4	1	1,00	1,20	11,50	255	4,61
3 * 6	1	1,00	1,20	13,20	350	3,08
4 * 1,5	1	0,80	1,00	9,60	158	12,1
4 * 2,5	1	0,90	1,00	11,00	222	7,41
4 * 4	1	1,00	1,20	12,60	310	4,61
4 * 6	1	1,00	1,20	14,40	426	3,08
4 * 10	1	1,00	1,20	16,30	613	1,83
4 * 16	1	1,00	1,40	19,40	919	1,15
5 * 1,5	1	0,80	1,00	10,50	192	12,1
5 * 2,5	1	0,90	1,20	12,10	270	7,41
5 * 4	1	1,00	1,20	13,80	379	4,61
5 * 6	1	1,00	1,20	15,80	521	3,08
5 * 10	1	1,00	1,40	17,90	753	1,83
5 * 16	1	1,00	1,40	21,20	1127	1,15
7 * 1,5	1	0,80	1,20	11,40	236	12,1
7 * 2,5	1	0,90	1,20	13,50	348	7,41
12 * 1,5	1	0,80	1,20	15,20	390	12,1
12 * 2,5	1	0,90	1,40	18,00	576	7,41
19 * 1,5	1	0,80	1,40	18,10	577	12,1
19 * 2,5	1	0,90	1,40	21,00	832	7,41
24 * 1,5	1	0,80	1,40	21,10	723	12,1
24 * 2,5	1	0,90	1,60	24,90	1070	7,41
37 * 1,5	1	0,80	1,60	24,40	1046	12,1