



## SIP-1

STANDARD GOST 52373-05 | GOST 31946-2012, T.C 16-705.500-2006

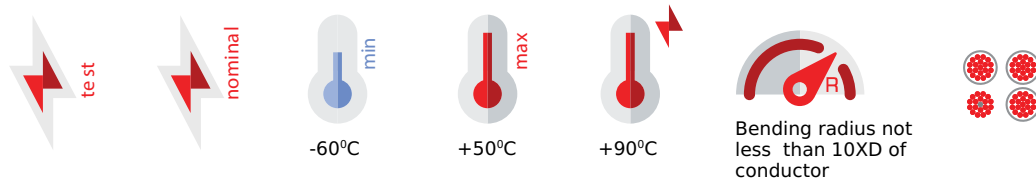
### FOREIGN ANALOGUE


СИП-1 GOST 52373-05 ТУ 16-705-500-2006  
AXKA DIN VDE 0276-626 s1 - 6

**Self - supporting Aluminum conductor, with polyethylene lightproof insulation, with a bare neutral conductor for overhead lines.**

## APPLICATION

For supply and distribution electricity to power and lighting networks with variable voltage 0,660 / 1 kV . Used in the main overhead power line and in residential branching.



-  - Installation temperature: not less than -20°C
- Per day (8 hours) +130°C
- In short circuit with 5 minutes duration +250°C

## CONSTRUCTION

1. The conductor is twisted by aluminum wires and it is compacted.
2. The insulation is thermo and lightproof . It is also resistant to ultraviolet radiation and ozone effect
3. Neutral conductor is twisted with aluminum solid wires or aluminum wire with steel core and uninsulated

## THE CONSTRUCTION LENGHT OF THE CABLE

agreed during receiving order from the customer

**PACKING** On wooden drum

## LABELING

Marking of conductor cores with figures 1, 2, 3. On one of the conductor cores an inscription is made: "JSC Sakcable", cable brand, manufacture year

## SERVICE LIFETIME

not less than 40 years

## WARRANTY PERIOD

3 years after entering into exploitation, In the proper installation and working conditions (not later than within 6 months after production)

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Part Name	Conductor resistance [ $\Omega$ /km]	Ampacity (in air) [A]	Thickness of insulation [mm]	Wire dimension [mm]	Bending radius [mm]	Aluminium Weight [kg/km]	Weight [kg/km]
3 x 16 + 25	1,91/1,38	100	1,30	5,10/6,10	51/61	199	314
3 x 25 + 35	1,20/0,986	130	1,30	6,10/7,10	61/71	300	454
3 x 35 + 50	0,868/0,72	160	1,30	7,10/8,35	71/84	423	603
3 x 50 + 70	0,641/0,493	195	1,50	8,35/9,95	84/100	599	825
3 x 70 + 95	0,443/0,363	240	1,70	9,95/11,70	100/117	832	1128
3 x 95 + 95	0,320/0,363	300	1,70	11,70/11,70	117/117	1035	1390
3 x 120 + 95	0,253/0,363	340	1,70	13,10/11,70	131/117	1240	1624
3x35+1x54.6	0,868/0,63	160	1,7	7.10/ 9.60	71/96	435	620