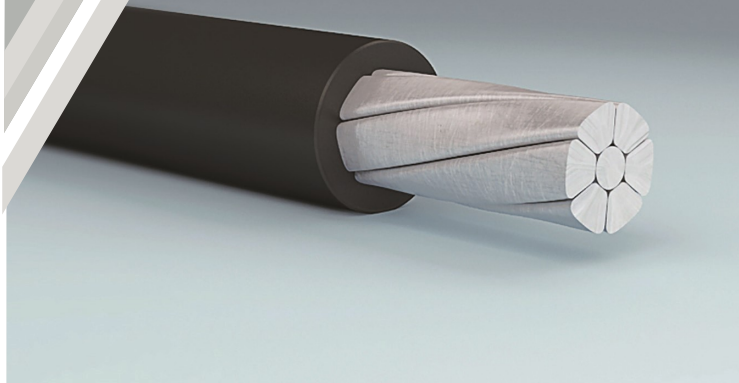


SELF-SUPPORTING



SIP-3

STANDARD

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

FOREIGN ANALOGUE

СИП-3 GOST 52373-05 | ТУ 16-705-500-2006 | SAX

Aluminum compacted single core conductor, with polyethylene thermo lightproof insulation.

APPLICATION

In aerial lines with rated voltage 10/30kV in second and third type atmospheric air according to the standard 15150-69, including shores and industrial and salty sand regions.

10-15-20kV
35kV

-60°C



+50°C



+90°C

Bending radius not
less than 10XD of
conductor

- 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 made from aluminum wire by twisting. Compacted with a special device.
2. The insulation is thermo and lightproof. It is also resistant to ultraviolet radiation and ozone effect XLPE insulation

THE CONSTRUCTION LENGTH OF THE CABLE

agreed during receiving order from the customer

PACKING On wooden drum

LABELING

An inscription is made on conductor core: "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)

Part Name	Conductor resistance [Ω /km]	Ampacity (in air) [A]	Thickness of insulation [mm]	Wire dimension [mm]	Bending radius [mm]	Aluminium Weight [kg/km]	Weight [kg/km]
1 x 35	0,986	200	2,3	7,1	71	95	167
1 x 50	0,72	245	2,3	8,35	84	135	210
1 x 70	0,493	310	2,3	9,95	100	189	285
1 x 95	0,363	370	2,3	11,7	117	257	364
1 x 120	0,288	430	2,3	13,1	131	324	435



Uninsulated

Self-supporting

Mounting

Power

Control