

UNINSULATED



AS

Uninsulated conductor twisted with steel core and aluminum wires.

ASKP

The same as AS, but the space between of wires, except outer surface, is covered with persistent neutral lubricant.

ASKS

The same as AS, but the space between of wires of steel core is covered with persistent neutral lubricant.

STANDARD

GOST 839-80

FOREIGN ANALOGUE

AC GOST 839-80 | ACSR IEC 61089

APPLICATION

AS: For transmission of electric power in overhead electric networks, used in I and II type atmospheric air provided that the content of sulphur trioxide in the atmosphere is not more than 150 mg/m² per day (1.5 mg/m³) and in all microclimatic regions of the land according to standard 15150-69.

ASKP and ASKS: Used on the seashores, in industrial regions, salty sandy regions, as well as regions adjoining them in II and III type atmospheric air provided that the content of sulphur trioxide in the atmosphere is not more than 150 mg/m² per day (1.5 mg/m³) and Chlorine salt not more than 200 mg/m², in all microclimatic regions of the land according to standard 15150.



Bending radius not less than 10XD of conductor



CONSTRUCTION

The conductor is made by twisting of the steel conductor and aluminum wire. Regarding to the structure, the steel core is single-wire or twisted multi-wire. In case of twisting in layers, the twisting is performed in opposite directions.

THE CONSTRUCTION LENGTH OF THE CABLE

indicated in the table.

According to the customer's request and agreement conductors with different construction length can be manufactured.

PACKING

On wooden drum or bundles (coils).

LABELING

Label attached to wooden drum or bundle (coils).

SERVICE LIFETIME

Not less than 45 years.

WARRANTY PERIOD

4 years after entering into exploitation, In the proper installation and working conditions.

AS GOST 839-80

Part Name	Conductor resistance [Ω /km]	Ampacity (in air) [A]	Outer diameter [mm]	Bending radius [mm]	Weight [kg/km]	Construction length. No less [m]
16/2.7	1,7818	111	5,55	55	64,9	3000
25/4.2	1,1521	142	6,9	69	100,3	3000
35/6.2	0,7774	175	8,4	84	148	3000
50/8.0	0,5951	210	9,6	96	195,1	3000
70/11	0,4218	265	11,4	114	276	2000
95/16	0,3007	330	13,5	135	385	1500
120/19	0,244	390	15,15	152	470,9	2000
120/27	0,2531	375	15,4	154	528	2000
150/19	0,2046	450	16,75	168	554	2000
150/24	0,2039	450	17,1	171	598,9	2000
150/34	0,2061	450	17,5	175	675	2000
185/24	0,154	520	18,9	189	704,9	2000
185/29	0,1591	510	18,82	188	727,9	2000
185/43	0,1559	515	19,6	196	846	2000
240/32	0,1182	605	21,6	216	920,9	2000
240/39	0,1222	610	21,55	216	952	2000
240/56	0,1197	610	22,4	224	1106	2000
300/39	0,0958	710	23,95	240	1132	2000
300/48	0,0978	690	24,05	240	1186	2000
300/67	0,1	680	24,5	245	1323	2000
330/43	0,0869	730	25,2	252	1255	2000
400/64	0,0741	860	27,68	277	1572	1500
400/93	0,0741	860	29,1	291	1851,1	1500
400/51	0,0722	825	27,45	275	1490,6	1500
500/64	0,0588	945	30,6	306	1852,3	1500



Uninsulated

Self-supporting

Mounting

Power

Control