



A

STANDARD

GOST 839-80

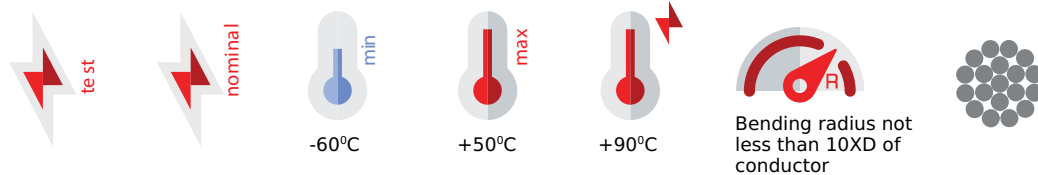
FOREIGN ANALOGUE

A GOST 839-80 | AAC IEC61089, SFS 5701

Uninsulated conductor twisted with aluminum wires

APPLICATION

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 150mg/m² per day (150mg/m³) and according to standard 15150-69 in all microclimatic regions of the land.



CONSTRUCTION

The conductor is made of aluminum wire by twisting.
In case of twisting in layers, the twisting is performed in opposite directions.

THE CONSTRUCTION LENGTH OF THE CABLE

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

PACKING On wooden drum or bundles

LABELING

Label attached to wooden drum or bundle

SERVICE LIFETIME

not less than 45 years.

WARRANTY PERIOD

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

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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	18 007	105	5,10	51	44	4500
25	11 498	136	6,40	64	69	4000
35	0,8347	170	7,50	75	94	4000
50	0,5784	215	9,00	90	136	3500
70	0,4131	365	10,7	107	190	2500
95	0,3114	320	12,3	123	253	2000
120	0,2459	375	14,0	140	321	1500
150	0,1944	440	15,8	158	407	1250
185	0,1574	500	17,5	175	502	1000
240	0,1205	590	20,0	200	656	1000
300	0,1000	680	22,1	221	794	1000
400	0,0740	895	25,6	256	1072	1000
500	0,0576	980	29,10	291	1378	1000
600	0,0491	1100	31,50	315	1618	800
700	0,0417	1280	34,20	342	1902	800