

Bare conductors

AT



Application

Bare conductor for overhead power transmission. Aluminum conductor steel reinforced

Approval

CE

Standard

IEC 61089
EN 50182
SFS 5701

Overhead stranded conductors
Conductors for overhead lines
Overhead conductor wires and steel ropes.

Construction

Cable Shape
Conductors
Center conductor
Conductor Insulation
Marking of cores

Round.
Conductor consists of aluminium and galvanized steel wires.
Steel.
No insulation.
No marking.

Temperature

Maximum operating Temperature

80°C

Features

Fire Propagation
UV resistance
REACH/SVHC declaration
RoHS declaration

No burning material.
Good
The cable does not contain any substances on the REACH/SVHC list.
All substances of the cable meet the requirements of RoHS directive.

Electrical

Max. short circuit temperature [°C]

200°C (up to 5s)

Product Name	Standard delivery length [m]	Delivery Package	Number of wires	Number of wires (aluminium/steel)
AT-35 (27-AL1/4-ST1A)	4000	K12	7	6/1
AT-70 (56-AL1/9-ST1A)	4000	K14	7	6/1
AT-95 (201-AL1/33ST1A)	1500	K11	7	6/1

Product Name	Max DC Resistance at +20°C [Ω /km]	Conductor diameter [mm]	Cross section [mm ²]	Cable weight [kg/km]	
AT-35 (27-AL1/4-ST1A)	1,0736	7,14	31,1	108	
AT-70 (56-AL1/9-ST1A)	0,5139	10,3	65,1	225	
AT-95 (201-AL1/33ST1A)	0,3415	12,7	97,9	339	