

PRODUCT SPECIFICATION

EPA05721

PURPOSE

ACSR cable for aerial power lines

CONSTRUCTION/TESTING STANDARD

EN 50182:2001

CABLE CODE

According to EN 50182: **56-AL1/9-ST1A**

Old code: **FA 35 6-1**

CABLE FORMATION

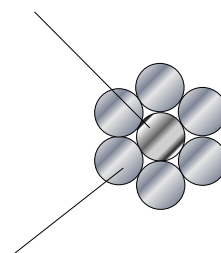
The cable is formed by a central galvanized steel wire, and a layer of six hard drawn aluminum wires, helically stranded in right direction (Z).

DELIVERY LENGTHS

In modular lengths to be agreed with Customer.

ACSR 56-AL1/9-ST1A

Steel wire Ø 3,44 mm



Aluminium wire Ø 3,44 mm

Cross section drawing

Steel wire	Zinc coated according to EN 50189, grade and class designated ST1A.
Aluminium wire	Hard drawn according to EN 60889, designated AL1.

CHARACTERISTICS

N° of wires x Steel wire diameter (mm)	1 x 3,44
N° of wires x Aluminum wire diameter (mm)	6 x 3,44
Steel cross section (mm ²)	9,29
Aluminum cross section (mm ²)	55,8
Cable total cross section (mm ²)	65,1
Cable weight (kg/km)	225
Overall cable outer diameter (mm)	10,3
Breaking load (kN)	19,42
DC conductor resistance, at 20°C (Ω/km)	0,5139

Ahlsell's article number (stock number)	2801001
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