

# Preduzeće za proizvodnju elektroprovodnika “ELKOK” AD Kosjerić, Olge Grbić 3

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## Steel wire ropes for overhead lines

### STANDARDS

SRPS EN 50182

SRPS N.C1.702



### PRODUCT DESCRIPTION

Steel wire ropes for overhead lines are made by stranding highly galvanized steel wires.

Characteristics of steel wire - type ST1A

(First class steel and zinc-coating quality grade A according to EN 50 189)

Density at 20°C

7,78 kg/dm<sup>3</sup>

Coefficient of linear expansion

11,5 \* 10<sup>-6</sup>/C

### AREA OF USE

For overhead lines in industry and in traffic, as well as semi-finished product in electrical engineering.

### PACKAGING

Steel wire ropes are packaged on suitable wooden drums.

### TECHNICAL CHARACTERISTICS

Rope cross section (mm <sup>2</sup> )		Construction	Calculated diameter (mm)	Longitudinal mass (kg/km)	Calculated tearing (daN)
Nominal	Calculated				
16	15,88	7x1,70	5,1	126	1977,5
25	24,25	7x2,10	6,3	192	3018,0
35	34,36	7x2,50	7,5	272	4276,0
50	49,48	7x3,00	9,0	391	6158,0
70	71,22	7x3,60	10,8	563	8863,5