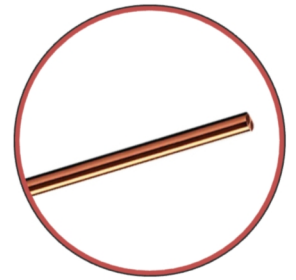


# EK SPEC 121

## Round Copper Wire, annealed



**1 Dimensions** Dimensions: Ø 1.11 - Ø 3.94 mm.

**2 Tolerance of dimensions** Tolerance of diameter:  $\pm 1\%$   
Deviation from circularity: max. 2 %

**3 Form of delivery**

Packing	Approx Capacity (kg)	Wire diameter (mm)
Coils	25	2.50 - 3.70
DIN 560	215	1.11 - 3.60
DIN 630	400	1.11 - 3.94
Fibre board barrel	300	1.38 - 2.50
Octabin 1200	2000	1.11 - 1.80
Octabin 1200	1700	1.81 - 2.70
Octabin 1200	1500	2.71 - 3.35
Steel cage	2000	1.11 - 1.80
Steel cage	1700	1.81 - 2.70
Steel cage	1500	2.71 - 3.35

Other forms of delivery and types of package can be made by agreement.

**4 Requirements**

Copper Cu-ETP  
Density: 8.93 g/cm<sup>3</sup>  
Resistivity: max. 17.24 nΩm  
Tensile Strength:  $R_m$  min. 200 N/mm<sup>2</sup>

Wire diameter (mm)	Elongation L <sub>200</sub> Min. (%)	Resistivity Max. (nΩm)
1.11 - 1.50	26	17.24
1.50 - 3.00	28	
3.00 - 3.94	33	

**5 References**

EN 13602 Copper and copper alloys - Drawn. round copper wire for the manufacture of electrical conductors.

**6 Miscellaneous**

Wrapping test and reverse bend test according to EN 13602 is not done.

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