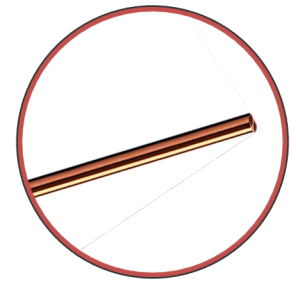


EK SPEC 121

Cu-wire, Annealed

Cu-wire, Multiwire



1 Dimensions

Dimensions: Ø 0.19 - Ø 0.41 mm (x max . 8 wires).
 Ø 0.42 - Ø 0.52 mm (x max . 4 wires).
 Ø 1.11 - Ø 4.00 mm (single wire).

2 Tolerance of dimensions

Wire diameter (mm)	Tolerance (mm)	Deviation from circularity
0.19 – 0.25	± 0.003 mm	max. 0.006 mm
(0.25) – 0.40	± 0.004 mm	max. 0.008 mm
(0.40) – 4.00	± 1%	max. 2%

3 Form of delivery

Packing	Approx Capacity (kg)	Wire diameter (mm)
EK 560	215	0.19 - 3.60
DIN 630	400	0.19 - 4.00
Fibre board barrel	300	1.38 - 2.50
Octabin 1200	1700	1.11 - 3.35
Coils	25	2.50 - 3.70

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

4 Requirements

Copper Cu-ETP or Cu-ETP1
 Density: 8.93 g/cm³
 Resistivity: max. 17.24 nΩm
 Tensile Strength: R_m (min. 200) N/mm²

Wire diameter (mm)	Elongation L ₂₀₀ Min. (%)
0.19 – 0.32	19
(0.32) – 0.50	20
(0.50) – 0.52	22
1.11 – 0.50	26
(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 without special agreement.

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