

EK SPEC 121

Round Copper Wire, multiwire



1 Dimensions

Dimensions: \varnothing 0.19 - \varnothing 0.41 mm (x max. 8 wires)
 \varnothing 0.42 - \varnothing 0.52 mm (x max. 4 wires)
 Other dimensions can be manufactured by agreement.

2 Tolerance of dimensions

Wire diameter (mm)	Tolerance (mm)
0.19 - 0.25	± 0.003
0.25 - 0.40	± 0.004
0.40 - 0.52	$\pm 1 \%$

3 Form of delivery

Statically wounded

Packing	Approx Capacity (kg)
DIN 560	250
DIN 630	500

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

4 Requirements

Copper Cu-ETP1

Density: 8.93 g/cm³

Resistivity: (max. 17.24 n Ω m)

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

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.