

The price of copper

Cables and conductors are sold at DEL current daily prices for copper. The DEL is the listing for Deutsches Elektrolytkupfer für Leitzwecke (German electrolyte copper for conducting purposes), i.e. 99.5 % pure copper. The DEL is specified in € per 100 kg.

You can normally find the DEL listing in the business section of the daily newspaper.

The copper basis

A proportion of the copper price is contained in the list price of many cables and almost all wires already. It is also specified in € per 100 kg.

- 150.00 €/100 kg for the most popular wires
- 100.00 €/100 kg for telephone cables and wires
- 0.00 €/100 kg for underground cable (e.g. high-voltage current NYN), thus price without metal.

Example: DEL 198.89 means:
100 kg copper (Cu) costs € 198.89.

Additional purchasing costs of 1,0 % are added to the daily quote for cables and wires.

The copper number (kg/100m)

The copper number is the copper weight of a cable or wire and is specified for every catalog article.

Example: Silflex N 3 G 1.5 mm²
copper number according to catalog 4.32 kg/100 m
The copper contained in 100 m of wire thus weighs 4.32 kg.

Formula for calculation of the copper surcharge

$$\text{Copper number (kg/100 m)} \times \frac{(\text{DEL} + 1,0 \% \text{ purchasing costs}) - \text{copper basis}}{100} = \text{copper surcharge in €/100 m}$$

Example calculation: Silflex N 3 G 1.5 mm²
DEL: 198.89 €/kg
Cu-Basis: 150.00 €/kg
Cu-Index: 4.32 kg/100 m

$$4.32 \text{ kg/100 m} \times \frac{(198.89 + 1,99) - 150.00}{100} = 2.20 \text{ €/100 m}$$

This sum would be for assumed DEL quote of 198.89 Euro the copper surcharge for 100 m Silflex N 3 G 1.5 mm².

Price including copper

The net price is calculated in the following way

$$\begin{aligned} & \text{Gross price} \\ & - \text{Rebate (\%)} \\ & \pm \text{Copper surcharge} \\ & = \text{Net price including copper} \end{aligned}$$

The copper surcharge is shown separately on our invoice.