

Fuse Material

# Silver-Plated Copper Wire

**SCOPE:** This data sheet refers to silver-plated coated copper wire, produced by

- » electroplating of copper wire
- » drawing to final diameter

## Properties (standard values)

SILVER PLATING [%]	DENSITY [g/cm <sup>3</sup> ]
0.6	8.96
3.0	8.99
10.0	9.08

» electrical conductivity  $\geq 56.0 \text{ m}/(\Omega \cdot \text{mm}^2)$   
 » adjusted according customers requirements

## Composition

base metal Cu (core)  
 CU-ETP – CW004A acc. to EN 13602:2002  
 (E-Cu58 DIN 1757, DIN 1787)

<b>Cu</b>	$\geq$	99.90% (incl. max. 0.015% Ag)
<b>Bi</b>	$\leq$	0.0005%
<b>Pb</b>	$\leq$	0.005%
<b>Plated Ag</b>	$\geq$	99.97%

## TOTAL PLATED SILVER [wt.-%]

0.6
3.0
10.0