Silver Plated Copper Wire

SPCW Series

MECHANICAL & ELECTRICAL SPECIFICATIONS		
Tensile breaking strength	22 – 28 kgf/mm²	
Elongation A100	≥ 25%	
Resistivity @ 20°C	≤ 0.01759 Ω×mm²/m	
Conductivity @ 20°C	100% IACS	
CHEMICAL SPECIFICATIONS		
Copper (Cu)	> 99.9%	
Lead (Pb)	< 0.005 %	
Oxygen (O_2)	< 400 ppm	
Silver (Ag)	Ø ≤ 0.7 mm	> 0.6 µm
	Ø 0.8 – 1.0 mm	> 0.8 µm
	Ø 1.2 – 1.5 mm	> 1 µm
	Ø ≥ 2.0 mm	> 1.5 µm
ENVIRONMENTAL SPECIFICATIONS		
Temperature range	-65 / +200 °C	
RoHS	Compliant (2011/65/EU | RoHS 3)	
REACH	Compliant (EC 1907/2006)	

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