

bedra electronic wire Ms98 out of a brass alloy for various applications (ribbons, heating conductors / resistance wire, special cables, bobbins, connectors, etc.).

Standardization and composition

DIN	not standardized
Alloy composition	Average values (%)
Cu	98.0
Zn	remainder
Others	max. 0.5

Physical properties

Density (kg/dm³)	8.9
Melting range (°C)	1065 - 1080
E-Modulus (kN/mm²)	127
Thermal conductivity (W / m x K)	~300
Coefficient of thermal expansion (10⁻⁶/K)	17.5
Electrical conductivity (m / Ω x mm²)	~ 45
Electrical conductivity (IACS %)	~ 77
Resistivity (Ω x mm² /m)	0,0217 - 0.0227