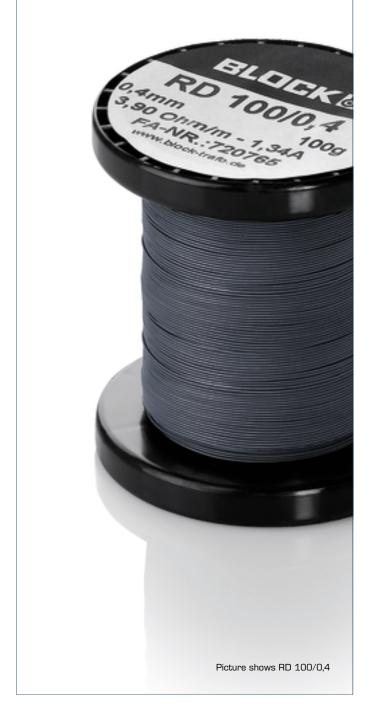




At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking HERE. <u>HERE</u>

RD 100/2,0



Advantages

Resistant in specific resistance

Influence of the temperature or inherent heating on the resistance value practically insignificant (max. 0.8 % at 100 °C temperature rise)

Firmly adhering surface oxide coating withstands any temperature change and protects against further oxidation under continuous load

Very easy to machine thanks to softness and malleability

Suitable for soft soldering, hard soldering or welding

Applications

Resistance wire for the production of technical resistances, shunts and for general laboratory needs.

Approvals





Resistance wire on mini bobbin RD 100/2,0

RD 100/2,0 RD 100/2,0 Type Type Operating data Operating data highest wire temperature Current intensity for wire temperature (100°C) 10.000 A to 600 °C 16.800 A Current intensity for wire temperature (200°C) Mean linear coefficient of thermal expansion 13.5x10-6 between 20 - 100 °C Electrical data Current intensity for wire temperature (300°C) 22.700 A 0.156 Ω/m Mean temperature coefficient of resistance at $20\,$ Resistance 0.00004-0.00008 °C 0.49 (Ωx mm²)/m Specific electrical resistance Mechanical 1220-1270 °C Melting point Measures and weights Weight 0.10 kg 2.00 mm Wire diameter Notes The specified wire temperatures apply for blank Isotan wires, especially unclamped in still air. Oxidized wires have a higher radiated temperature. The current load precisely required Remark for a defined temperature can ultimately only be explicitly determined for the relations and requirements on the customer side for the specified intended use.









Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, click on the green button.

Product	Code	Reference	Product link
Resistance wire on mini bobbin Resistance wire, 50 g, 100 g, Diameter 0,1-4,0 mm	RD10020	RD 100/2,0	Buy on EAN