

Marktek Inc.

Your One-Stop Shop for EMI-shielding, Conductive, Resistive, & Microwave-Absorptive Materials

Data Sheet for Fibreohm™ Resistive Wire FO104RBC

Product ID: FO104RBC

Description: carbon-coated nylon fiber insulated with blue PVC

Avg. Linear Resistance Range: 14K- 22K Ω /in (5.6K – 8.8K Ω /cm)

CV of individual spools < $\pm 5\%$, that is, reported spool resistances vary < $\pm 5\%$ along the wire length)

Diameter of Core: 0.016 in (0.41 mm), ~26 AWG

Overall Diameter: 0.036- .039 in (0.91 - .99 mm)

Breaking Strength: ~ 15 lb (7.0 kg)

Elongation at Break: ~ 30%

Temperature Limits: up to 90°C (195°F)

Put-up: 500' (152 m) and 250' (76 m) spools

RoHS3 compliant

The information provided here is for illustrative purposes only and should not be considered a product specification. All statements and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. As always, it is up to the user of this product to make the final determination as to whether the said product is suitable for the user's intended application.

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