



High Hermeticity Glass Beads

Model Number: K100B
DC to 40 GHz

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Description

Glass beads provide the transition from a connector, through a housing wall, to a microcircuit. The K100B bead also provides hermeticity * to protect a module's internal circuitry from harsh external environments. The K100B is designed to work with these K connectors; [K102E](#), [K102M](#), [K103F](#), [K103M](#), [K104E](#), and the [K104M](#).

Features

- Excellent Performance up to 40 GHz
- Superior Reliability
- Gold plated to assure excellent solderability
- 50 Ω characteristic impedance

*Glass Bead Hermeticity Spec: Hermetic to 1×10^{-8} std cc He/sec at 1atm differential

K100 and K100B Glass Beads can also be purchased from Advanced Technology Group. Below is their contact information:

Advanced Technology Group

101 Roundhill Drive
Rockway, New Jersey 07866
Tel: 973-627-6955
Fax: 973-627-5980
www.advtechgr.com

Related Literature / Software:

- [Microwave Connector Thread Gaging](#) Data Sheet
- [K100 and K100B Glass Beads](#) Instruction Sheet

- [Precision RF & Microwave Components](#) Catalog

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