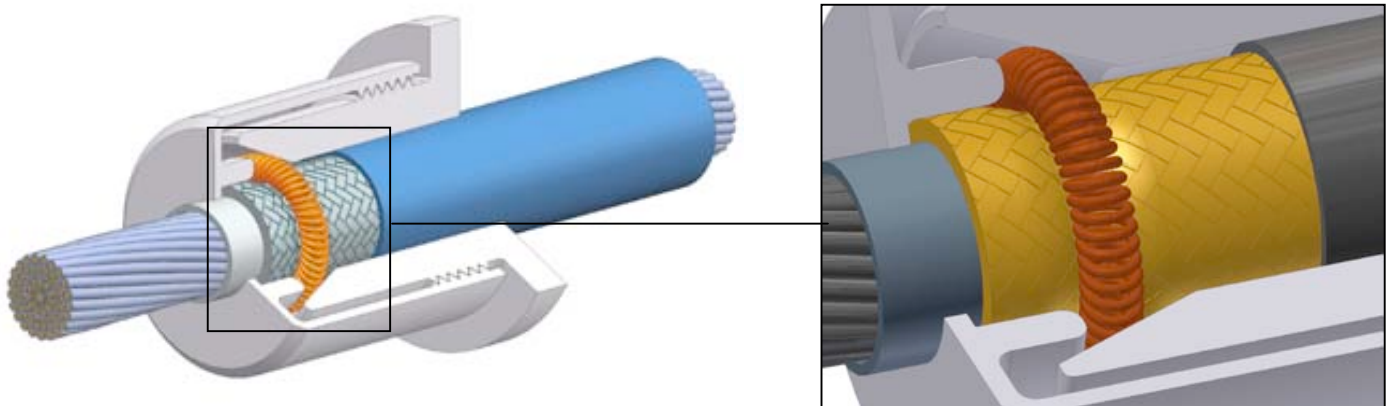


BAL CONTACT™ SPRINGS FOR EMI SHIELDING APPLICATIONS

Protection from electromagnetic and radio frequency interference is a key technology in today's electronic age. Shielding is critical to prevent damage that can occur to systems and components. BalContact™ springs have been tested and proven to be effective shielding elements in packaging electronic enclosures.

BalContact™ springs have canted coils that exhibit unique deflection and force behavior upon compression. The springs are available as closed rings or straight lengths in a variety of sizes and materials to fit demanding shielding requirements.

Connector Shell



Operating Parameters

Plug diameters:	25 mm (0.98 in)
Spring Selection:	104 MB
Spring Material:	Copper alloy
Assembly force:	20N (4.51 lbs);(2039 g)

Features:

- Simplifies connector design.
- Highly concentrated forces at multiple contact points preserve high conductivity across interface.
- Canted-coil spring design ensures consistent shielding, despite surface irregularities and tolerance variations
- Unique configuration enables spring to fit into small packaging requirements.
- Canted-coil design permits relatively large tolerances on mating parts for low production costs.
- Springs are self-retained in the grooves and can be easily stretched over keys or other features.

For more information and technical assistance, consult the Bal Seal Technical Sales Department.

PATENTS: The items described in this page include products that are the subject of issued United States and foreign patents or products where patents are pending, including the following: Patents 6,641,141 B2; 7,210,398 B2; 6,161,838; 5,992,856; 5,134,244

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