



AVIEL ELECTRONICS, Division of RF Industries

BNC Bulkhead Adapter Meets IP67 & IP68 Weatherproof Requirements



The BNC connector interface is widely used in a multitude of applications despite a design that originated in the 1940s. The basic design originally offered a minimal weather protection in the mated condition and almost no protection when un-mated.

Aviel Electronics, a division of RF Industries, designed a BNC bulkhead adapter incorporating a glass bead that hermetically seals the connector to withstand a 100 PSI leak test. The adapter, Aviel model # Z-1142 may be used in IP67

or IP68 applications in the mated and unmated condition. All interface dimensions are designed to IAW MIL-C-39012 specifications and overall dimensions to UG-492D/U specification. The adapter is manufactured with silver plated brass body and gold plated center contacts. The adapter is 50 ohm impedance and rated at DC to 4 GHz. with low reflection (VSWR).

The adapter is also available in custom outline dimensions to meet customer requirements for special applications.

Contact the factory with your specific requirements at (877) 805-7381 or (702) 739-8155, fax (702) 739-8161, email aviel@rfindustries.com, or visit www.avielelectronics.com. Aviel Electronics is a division of RF Industries (NASDAQ: RFIL), a leading supplier of connecting solutions provided through its operating divisions: RF Connectors, RF Cable Assembly, Aviel Electronics, Bioconnect, OddCables, Cables Unlimited and Comnet Telecom Supply.