

Press Release
July 2007
For immediate release

Hypertac presents its new “HOB” Shielded Connector for Test & Measurement applications

Hypertac presents its new shielded connector for the test and measurement of electronics components, as well as avionics, automotive, industrial and medical interconnect systems.



Designed for test and measurement applications, the new rugged HOB connector offers a protection against electromagnetic interferences and an increased durability of more than 20,000 mating cycles, with a very low insertion force.

Equipped with a robust metallic shell, the HOB ensures a minimum EMI protection of 60 dB @ 200 MHz, which is reinforced by mounting the receptacle directly onto the panel of the test equipment.

The modular construction of the HOB allows the user to custom configure and combine signal, power (up to 50 Amps), high speed (coax, twinax, triax, quadrax) and fibre optic contacts.

Ergonomics and safety:

- The conductive plating ensures the shielding continuity.
- 3 different locking devices are available: half-turn locking system, screw locking or two ¼ turn locking systems.
- Extra long “First-In Last Out” grounding pins guarantee full safety for users when connecting or disconnecting the equipment.
- Possibility of IP20 sealing level for the receptacle and IP67 for the plug and receptacle when mated.



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ABOUT HYPERTAC

Hypertac is a leading supplier of high reliability, high performance interconnect solutions and electrical/electronic connectors. The company has particular expertise in the rapid development of innovative interconnect solutions for high reliability applications in military, aerospace, industrial, mass transit, test & measurement and medical electronics markets.

The Hypertac range includes printed circuit board connectors, modular, rectangular, filtered ARINC and circular connectors. Hypertac connectors achieve outstanding performance through the use of patented Hyperboloid contacts.

Hypertac hyperboloid contact is an advanced design that satisfies the most demanding performance requirements. The shape of the contact sleeve is formed by wires strung at an angle to the socket axis. When the pin is inserted into the sleeve, the wires stretch around it, providing a number of linear contact paths. This ensures high reliability, a high number of mating cycles, shock and vibration immunity, low contact resistance and low insertion and extraction force.