

Press Release

Le Bourget 2009 Press pack
15-21 June 2009 - Paris Le Bourget
Hall 2B / Stand F55



Hypertac SA

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New high endurance, high-speed Twinax contact

The new Sabritec high endurance, high-speed Twinax contact design has achieved over 25,000 mating cycles without contact degradation, compared to the conventional Mil-Spec. pin/socket contacts which are only certified at 500 mating cycles.



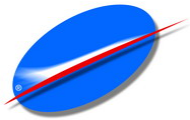
Using the Hypertac hyperboloid technology, the contact has an extremely low contact impedance, reduced insertion /extraction force, negligible contact resistance and excellent mate/de-mate endurance over a large number of mating cycles.

Initially designed to meet the Sata 1.0 Communications Protocol, this technology has been used successfully on an airborne mission critical application and in particular within a SATA-1.0a data transmission system.

Both the characteristic impedance and high frequency response of this contact have been optimised to support up to 1.5Gbit/s data rates. This optimisation process includes high speed modelling and simulation using specialist software to achieve the design parameters.

The Twinax contact technology can be easily implemented into standard sized 5 keyed cavities for use in popular connector housings. It is intended to extend this breakthrough technology into coax, triax and quadrax contacts.

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

About Smiths Interconnect

Smiths Interconnect www.smithsinterconnect.com is a leading provider of specialised electronic and radio frequency products for the wireless telecommunications, aerospace, defence, and medical markets. It is part of **Smiths Group** www.smiths.com, a global leader in applying advanced technologies for markets in threat and contraband detection, energy, medical devices, communications and engineered components. Smiths Group employs around 22,000 people in more than 50 countries.

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