## **Backplane Offers Significant Performance Boost** at Reduced Cost

TThe high-speed ATCA backplane offers up to triple the performance of traditional versions at a reduced cost by using Z-plane Links, which carry high-speed signals with long traces via a small PCB board that plugs directly into the rear of the backplane. The Z-plane Links feature an adapter with guide pins used to firmly secure the rear plane PCB in place and provide strain relief. This adapter has a short, impedance-matched connection between the rear "Z dimension" PCB (or Link) and the backplane connector. They also have staggered arrays, so they can be stacked adjacent to one another, and they come in press-fit pin or compliant pin termination depending on the backplane thickness.

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