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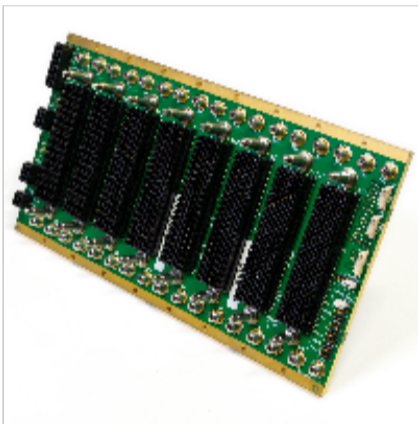
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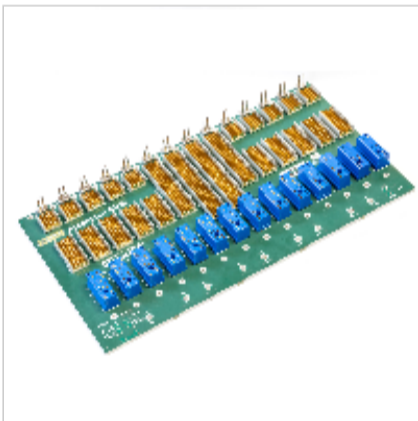
# Amphenol

## Backplane Connectors



### 100G VPX Backplane

Amphenol-BSI 100G VPX Backplane is based on the OpenVPX65 BKP3-CEN08-15.2.16-n profile. We have used our experience from 30 years developing 100G backplane systems to the IT/Datacom market. Next-generation VPX interconnects allow the signal transition path to expand to 100G bandwidth through a traditional copper backplane. Backplane assembly and test in the production environment are critical.



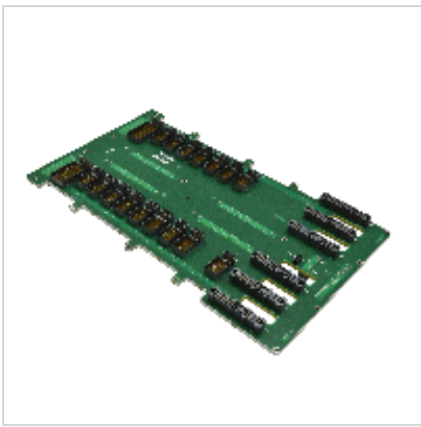
### 5U 14-Slot ATCA Backplane

Amphenol-BSI's range of PICMG compliant backplanes includes AdvancedTCA. Our 5U, 14-slot dual-dual star ATCA backplane is one of the varieties of ABSI's ATCA backplane products. Industry-leading Backplane Design and Signal Integrity offer optimized ATCA backplane solutions for data rates of 10G, 40G, and 100G.



### Compact PCI Serial 3U 6-Slot Backplane

Amphenol-BSI's range of PICMG compliant backplanes includes CompactPCI Serial which modernizes CompactPCI to include high-speed serial Ethernet, PCIe, SATA and USB interconnects. These high-speed serial interconnects are capable of data rates up to 12Gb/s.



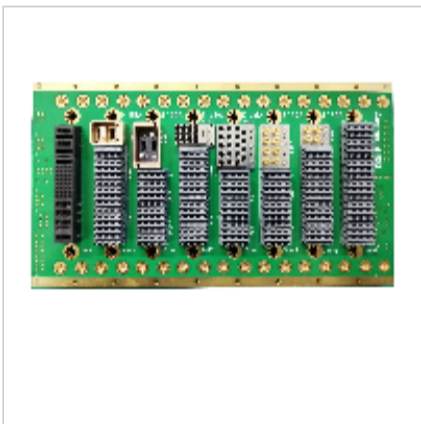
### High Speed Backplane (Customised)

Amphenol BSI (ABSI) are the trusted technology leader for more than 30 years in the Backplane & Midplane business. We design, build and test customised Backplane & Midplane solutions for most of the global leaders in IT Datacom and Telecoms technology systems. We have products performing to 56gb/s today in the production environment with speeds up to 112 Gb/s PAM4 in development.



### VPX 3U 5-Slot 1/2 Size ATR Backplane

Amphenol-BSI's range of VPX backplanes is fully customizable to our customers requirements. One such example is the 1/2 size ATR backplane that uses an OpenVPX65 profile, but the mechanical envelope is customized to fit a typical 1/2 size ATR enclosure. ABSI continues to invest in our Engineering team to provide our customers with a Solution Provider that they can trust and grow in partnership.



### VPX Optical and Coax Backplane (VITA 66 & 67)

VITA 66.x and VITA 67.x are standards that define families of blind mate Fibre Optic interconnects and analogue coaxial interconnects respectively, for use with VPX 46 backplanes and plugin modules. Features: -multiple guiding features for blind mate -support industry standard MT ferrules up to 24 fibre optic channel per MT -rugged durability to chassis, payload cards -interoperability

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