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VadaTech Announces New 6U VPX, Optical Amplifier/Splitter

Henderson, NV – May 10, 2019 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the VPX981. The VPX981 is an optical amplifier/splitter module for use in 6U OpenVPX platforms requiring signal distribution over fiber (VTX350 as an example). An optical signal received from front-panel LC1 is amplified then split to provide 92 outputs (90 to the rear via MT ferrules and 2 to the front via LC UPC connectors). Fiber output to the backplane is via VITA 66.1 connectors, a high-density, blind-mate optical interconnect.

Power matching between outputs is within +/- 1dB and all optical I/O is over single-mode 1551 nm fibers. The module draws power from the P0 connector which also provides a Serial Port for control. The VT981 is suitable for environments requiring MIL-STD-810 and MIL-STD-167-1A, such as rugged embedded computing, radar and electronic warfare systems.

About VadaTech

VadaTech provides innovative embedded computing solutions from board-level products, chassis-level platforms, to configurable application-ready systems. With a focus on AdvancedTCA, MicroTCA, VPX and PCIe solutions, the company offers unmatched product selection and expertise. A unique combination of electrical, mechanical, software, and system-level expertise, enables VadaTech to provide customized commercial or rugged computing solutions to meet the most complex customer requirements. VadaTech also offers specialized product solutions for VME, CompactPCI, and other architectures. A member of PICMG and VITA, VadaTech has headquarters, design and manufacturing facilities in Henderson, NV with design, support and sales offices in Europe and Asia Pacific.

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