

2022 **Military+Aerospace
Electronics®**
Innovators Awards

FOR IMMEDIATE RELEASE

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Quantic PMI Awarded 2022 Innovators Award by Military+Aerospace Electronics

Frederick, Maryland, September 6th, 2022 – Quantic PMI, designer & manufacturer of RF & Microwave Components & Integrated modules & subsystems, today announced that it has been awarded the 2022 Innovators Award by Military+Aerospace Electronics. The company's PTRAN-100M18G-SFB-3UVPX-10HP-MAH, Transceiver, 100 MHz to 18 GHz was recognized as one of the year's most innovative products in the aerospace and defense industry.

"On behalf of the Military + Aerospace Electronics Innovators Awards, I would like to congratulate Quantic PMI on their Gold-level honoree status," said Military + Aerospace Electronics Editor in Chief John Keller. "This competitive program allows Military + Aerospace Electronics to celebrate and recognize the most innovative products impacting the aerospace and defense community this year."

Quantic PMI Model PTRAN-100M18G-SFB-3UVPX-10HP-MAH is a transceiver covering the frequency range of 100 MHz to 18.0 GHz that fits into a 3U open VPX form factor utilizing the high-speed VITA 67 RF connector. This unit up-converts a 100 MHz to 4.0 GHz transmit signal to the 2.0 to 18.0 GHz range. It also down-converts a 100 MHz to 18.0 GHz received signal to the 100 MHz to 4.0 GHz intermediate frequency range for analog to digital conversion. A receive filter bank incorporates a 2-way absorptive switch to select an input along with two 6-way switches allowing one of six filter paths to be chosen. A filter bank is also used on the transmit path with two 6-way switches allowing one of six filter paths to be chosen. The unit is made to attach to an FPGA controller card allowing for total solution in a 10HP (2") form factor.



To find information about the Quantic PMI Model PTRAN-100M18G-SFB-3UVPX-10HP-MAH, Transceiver or other Quantic PMI products go to www.pmi-rf.com or contact Quantic PMI at **301-662-5019**, toll free at **1-877-PLANAR1**, Fax **301-662-1731** or by E-mail at [**sales@pmi-rf.com**](mailto:sales@pmi-rf.com).

About Military + Aerospace Electronics

***Military + Aerospace Electronics* is the leading media resource serving program and project managers, engineering managers, and engineers involved in electronic and electro-optic design for military, space, and aviation applications.**

***Military + Aerospace Electronics* magazine delivers time-sensitive news, in-depth analyses, case studies, and real-world applications of new products, industry opinion, and the latest trends in the use of mil-spec, rugged and commercial off-the-shelf components, subsystems, and systems.**

About Quantic PMI

Quantic PMI (Planar Monolithics) is a leading supplier of custom, high-reliability radio frequency microwave components and subsystems. Delivering industry-standard performance for mission-critical applications in the military, communications, commercial and consumer industries, Quantic PMI continues to expand its portfolio of state-of-the-art hybrid MIC/MMIC components, modules, and subsystems. And as a Quantic company, we are part of an extended engineering ecosystem and powerful supply chain, defining a competitive advantage that extends to every Quantic PMI customer.