

Specifications

Architecture		
Physical	Dimensions	Single Module Width 2.71" (69 mm) Depth 3.01" (76.5 mm)
Type	FMC	4T6R Sampling AFE with TI AFE7950 FMC connector
Standards		
FMC	VITA 57	ANSI/VITA 57.1-2008
Configuration		
Power	FMC270	~12W
Performance	Transmitter	Quad RF sampling 12-GSPS DACs
	Receiver	Quad RF sampling 3-GSPS ADCs
	Bandwidth	4TX or 2FB: 1200 MHz or 2TX: 2400 MHz RX: 1200 MHz (no FB), 600 MHz (with FB)
	Digital step attenuators	TX: 40 dB range, 0.125-dB steps RX or FB: 25 dB range, 0.5-dB steps
Environmental	Temperature	See Ordering Options (air flow requirements >400 LFM) Storage Temperature: -40° to +85°C
	Vibration	1G, 5 to 500 Hz on each axis
	Shock	30Gs each axis
	Relative Humidity	5 to 95% non-condensing
Front Panel	Interface Connectors	14 SMPM Front Panel Connector
	LEDs	Status
Software Support	Operating System	Agnostic
Other		
MTBF		MIL Hand book 217-F@ TBD hrs
Certifications		Designed to meet FCC, CE and UL certifications, where applicable
Standards		VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards
Warranty		Two (2) years, see VadaTech Terms and Conditions

INTEGRATION SERVICES AND APPLICATION-READY PLATFORMS

VadaTech has a full ecosystem of OpenVPX, ATCA and MTCA products including chassis platforms, shelf managers, AMC modules, Switch and Payload Boards, Rear Transition Modules (RTMs), Power Modules, and more. The company also offers integration services as well as pre-configured Application-Ready Platforms. Please contact VadaTech Sales for more information.