Specifications

Architecture		
Physical	**Dimensions**	Single Module
		Width 2.71" (69 mm)
		Depth 3.01" (76.5 mm)
Type	**FMC**	Dual wideband transceiver, single ADRV9002
		FMC connector
Standards		
FMC	**VITA 57**	ANSI/VITA 57.1
Configuration		
Power	**FMC248**	5W
Performance	**Broadband transmitter**	Tuneable range from 30 MHz to 6 GHz
		Transmitter bandwidth from 12 KHz to 40 MHz
	Broadband receiver	Tuneable range from 30 MHz to 6 GHz
		Receiver bandwidth from 12 KHz to 40 MHz
	RF Synthesizer	Two fully integrated, fractional-N
	Integrated synthesizers	LO Frequency Step 4.5Hz
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**	10x SSMC 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.