

Specifications

Architecture		
Physical	Dimensions	Single Module
		Width 2.71" (69 mm)
		Depth 3.01" (76.5 mm)
Type	FMC	Quad wideband transceiver, single ADRV9029 FMC connector
Standards		
FMC	VITA 57	ANSI/VITA 57.1-2008
Configuration		
Power	FMC269	~5W
Performance	Broadband transmitter	Tuneable range from 75 MHz to 6 GHz, maximum synthesis bandwidth 450 MHz
		Transmitter attenuation power control range: 0 to 32 dB
	Broadband receiver	Tuneable range from 75 MHz to 6 GHz, maximum receiver bandwidth 200 MHz
		Receiver gain range: 30 dB
Observation receiver	Tuneable range from 75 MHz to 6 GHz, maximum receiver bandwidth 450 MHz	
	Integrated synthesizers	2.3 Hz typical LO step size
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.