

Summary		
Bands	ADC Products	DAC Products
L-band (1–2 GHz)	1. FMC120 2. FMC160	1. FMC120
S-band (2–4 GHz)	1. FMC160 2. FMC 172	1. FMC160
C-band (4–8 GHz)	1. FMC300 2. FMC134 3. HTG-FMC-AD9081	1. FMC 172
X-band (8–12 GHz)	1. HTG-FMC-12ADC-16DAC	1. FMC300 2. HTG-FMC-AD9081
Ku-band (12-18 GHz)		1. HTG-FMC-12ADC-16DAC
K-band (18-26 GHz)	1. HTG-FMC-AD9084	
Ka-band (26-40 GHz)	1. WILD FMC+ DME1	1. HTG-FMC-AD9084 2. WILD FMC+ DME1

Sl.No	Part Number	Band	ADC/DAC	No.of Channels	Resolution	Supported Speed	FMC/FMC+	VITA Standard	Link	Remarks
1	FMC120	L-band (1–2 GHz)	ADC	4	16-bit	1 GSPS	FMC	VITA 57.1	https://abaco.com/products/fmc120-fpga-mezzanine-card	
			DAC	4	16-bit	1.25 GSPS				
2	FMC160	S-band (2–4 GHz)	ADC	1	12-bit	3.6 GSPS	FMC	VITA 57.1	https://abaco.com/products/fmc160-fpga-mezzanine-card	Either 1 channel 12-bit ADC with 3.6 GSPS or 2 channel 12-bit ADC with 1.8 GSPS is supported
		L-band (1–2 GHz)		2	12-bit	1.8 GSPS				
		S-band (2–4 GHz)	DAC	1	14-bit	2.8 GSPS				
3	FMC300	C-band (4–8 GHz)	ADC	2	12-bit	6 GSPS	FMC+	VITA 57.4	https://abaco.com/fmc300	Either 2 channel 12-bit ADC with 6 GSPS or 4 channel 12-bit ADC with 4 GSPS is supported
		C-band (4–8 GHz)		4	12-bit	4 GSPS				
		X-band (8–12 GHz)	DAC	4	16-bit	12 GSPS				
4	FMC134	C-band (4–8 GHz)	ADC	2	12-bit	6.4 GSPS	FMC+	VITA 57.4	https://abaco.com/products/fmc134-fpga-mezzanine-card	Either 2 channel 12-bit ADC with 6.4 GSPS or 4 channel 12-bit ADC with 3.2 GSPS is supported
		C-band (4–8 GHz)		4	12-bit	3.2 GSPS				
5	FMC172	C-band (4–8 GHz)	ADC	1	10-bit	6.4 GSPS	FMC	VITA 57.1	https://abaco.com/products/fmc172-fpga-mezzanine-card	Either 1 channel 10-bit ADC with 6.4 GSPS or 2 channel 12-bit ADC with 3.2 GSPS is supported
		S-band (2–4 GHz)		2	10-bit	3.2 GSPS				
		C-band (4–8 GHz)	DAC	1	10-bit	6 GSPS				
6	HTG-FMC-AD9081	C-band (4–8 GHz)	ADC	4	12-bit	4 GSPS	FMC	VITA 57.1	https://www.hitechglobal.com/FMCModules/FMC_AD9082_AD9081.htm	
		X-band (8–12 GHz)	DAC	4	16-bit	12 GSPS				
7	HTG-FMC-12ADC-16DAC	X-band (8–12 GHz)	ADC	1	12-bit	10.25 GSPS	FMC+	VITA 57.4	https://www.hitechglobal.com/FMCModules/12-bitADC_10Gsp.htm	
		Ku-band (12-18 GHz)	DAC	2	16-bit	12.6 GSPS				
8	HTG-FMC-AD9084	K-band (18-26 GHz)	ADC	4	12-bit	20 GSPS	FMC+	VITA 57.4	https://www.hitechglobal.com/FMCModules/FMC-AD9084.htm	
		Ka-band (26-40 GHz)	DAC	4	16-bit	28 GSPS				
9	WILD FMC+ DME1	Ka-band (26-40 GHz)	ADC	2	16-bit	64 GSPS	FMC+	VITA 57.4	https://www.annapmicro.com/products/wild-fmc-dme1/	
		Ka-band (26-40 GHz)	DAC	2	16-bit	61.4 GSPS				