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TECHNOLOGY GROUP

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Artisan Technology Group
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	Basic		Enhanced				Low Noise
	3020A	3025	3020C	3021C	3025C	3026C	3050A/3320
Frequency Range	250 MHz to 2.7 GHz	76 MHz to 6 GHz	1MHz to 3 GHz	100 kHz to 3 GHz	1 MHz to 6 GHz		100 kHz to 6 GHz
Frequency Settling Time (list mode 3010 option 01 fitted)	250 us		250 us <20 us below 85 MHz		250 us <20 us below 85 MHz		150 us (0.1 ppm)
Level Range < 3 GHz	- 120 to + 5 dBm		- 120 to + 6 dBm	- 121 to + 17 dBm	- 120 to + 6 dBm	- 121 to + 17 dBm	-120 to +10 dBm -120 to +20 dBm (3050A opt 04)
Level Range > 3 GHz	NA	- 120 to 0 dBm	NA		- 120 to + 6 dBm	- 121 to + 17 dBm	-120 to +10 dBm -120 to +20 dBm (3050A opt 04)
Level Settling Time (list mode)	250 us typ	< 3 ms below 4.5 GHz < 4 ms above 4.5 GHz	< 3 ms		< 3 ms below 4.5 GHz < 4 ms above 4.5 GHz		100 us (0.1dB)
Phase Noise (2 GHz) @ 20 kHz offset	-115 dBc/Hz		-115 dBc/Hz		-115 dBc/Hz		-129 dBc/Hz
Phase Noise (5 GHz) @ 20 kHz offset	NA	-108 dBc/Hz	NA		-108 dBc/Hz		-118 dBc/Hz
Signal Bandwidth	28 MHz		90 MHz		90 MHz		200 MHz (3320 opt 03)
Sample Memory	32 Msamples		128 Msamples sample rate or 0.5 Gsamples (opt 04)		128 Msamples to 0.5 Gsamples (opt 04)		128 Msamples to 2 Gsamples (opt 06)
Max Sample Rate	66 MS/s		200 MS/s		200 MS/s		250 MS/s
Slots Occupied	2		2	3	2	3	3 or 4
Slot Type	PXI 1		PXI Hybrid		PXI Hybrid		PXI Hybrid

	3020 Series Modules						3050 Series
	3020A	3025	3020C	3021C	3025C	3026C	3050A/3320
Frequency Resolution	1 Hz , 2 Hz above 3 GHz						0.01 Hz
Level Resolution	0.01 dB						
List Mode	128 addresses for level, frequency and modulation						65000
Level Accuracy	0.3 dB typ, 1.0 dB above 3 GHz						typ 0.3 dB, 0.5 dB above 3 GHz
Modulation Modes	Analog AM/FM, Digital, Vector (option 01)						FM, IQ Vector
Triggering	PXI, Star, LVDS, TTL						PXI trigger & Star bus, TTL
IQ Data Interface	64 way SCSI 5 (VHDCI)						NA
Differential Analog Outputs	I+, I-, Q+, Q- with bias, level and offset control (option 01 fitted)						NA

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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