



Mike Termond
 mike@satcom-services.com
 Phone: 1.805.649.1384
 Fax: 1.805.649.1174

Finally! System level, agile L-band Up and Downconverters from the company that's been supplying reliable Test Converters for 10 years! And you don't have to wait twice as long or pay twice as much as you do for many of our competitors' products!

We would like to introduce you to Cross Technologies' newest family of agile Up and Downconverters. The Model 2015 (Up), 2016 (Down) and 2017 (Up/Down) series products offer the value proposition necessary that allows you to meet your (or your customers) performance / quality standards and budgets constraints.

DESIGN SIMPLICITY

A single PCB design that supports all three products ensures a continuity of functionality and software compatibility across the entire product line. The push button agile settings and LCD panel enhance usability and simple configuration of each unit. Remote control is standard RS232 or optional RS485.

FUNCTIONAL ROBUSTNESS

But don't let this simple operational design fool you. These IF to L-band (70/140 MHz to .95 GHz-2.15 GHz) converters are available in configurations ranging from 1 MHz step models to models which offer 0.01 ppm frequency stability, 1.0 KHz steps and LNB and SSPB voltage capabilities. Plus numerous connector and impedance options are also available.

OUR OFFER

Why pay high prices AND worry about deliveries of 120 days or more? Our delivery commitment of a MAXIMUM 4-6 weeks ARO has become our standard with the majority of our products still delivered within 2 weeks ARO. We offer the full range of solutions. We publish our prices on our web site and encourage you to compare, which should tell you that we know something. You compare. You decide. It can't get much better than that.

So how do we stack up against the Competition?

All IF 70 or 140 MHz	RF GHz	Cross ^A	Product X ^B	Product Y ^{B,C}	Product Z ^D	
Upconverters						
2015 -02 (70) /-04 (140)	.95 - 2.150	\$2,795	\$7,920	\$3,815	\$11,923	
2015 -03 (70) /-05 (140)	.95 - 1.525	\$2,395	\$7,920	\$3,815	\$11,923	
2015 -12 (70) /-14 (140) (High Performance) ^A	.95 - 2.150	\$7,950^A	\$7,920	NA	\$11,923	
Downconverters						
2016 -02 (70) /-04 (140)	.95 - 2.150	\$2,795	\$7,920	\$3,815	\$11,923	
2016 -03 (70) /-05 (140)	.95 - 1.525	\$2,395	\$7,920	\$3,815	\$11,923	
Up/Downconverter						
2017 -02 (70) /-04 (140)	.95 - 2.150	\$4,795	NA	\$5,690 ^C	70 MHz \$6,577	140 MHz \$7,924
2017 -03 (70) /-05 (140)	.95 - 1.525	\$3,795	NA	\$5,690 ^C	\$6,577	\$7,924

(A) Phase Noise (≤) -75 @ .1KHz; -90 @ 1 KHz; -97 @ 10KHz; -107 @100KHz; -120 @ 1MHz; 10 kHz, 1 kHz, & 125 Hz Steps (user selectable), 0.01 ppm internal reference

(B) RF GHz .95 - 1.750 GHz Only

(C) Up/Downconverter RF ranges; .95 - 1.750 GHz Up, .95 - 2.0 GHz Down

***Frequency Converters –
1 RU Rack Mount ...***



General Specifications:

RF Freq. .95 GHz up to 2.15 GHz
Freq. Steps 1.0 MHz (1 KHz, Model-12)
Freq. Response ±1.5 dB (across band)
 ±0.5 (in band)
Freq. Accuracy ±1.0 ppm
Spurious < -50 dBc
Phase Noise (KHz) .1K 1K 10K 100K 1M
 dBc/Hz (≤) -70 -70 -80 -90 -100
Connector Types RF – Type F(F) IF – BNC(F)
Impedance 75Ω 75Ω

Available Options:

Freq. Steps 1 KHz
Connector Types BNC, N-type; IF or RF
Impedance 50 Ω; IF or RF
LNB Voltage +24 VDC, 0.4 Amps
SSPB Voltage +24 VDC, 2.5 Amps
Remote Interface RS485
External 10 MHz reference w/ Insertion on RF
High Stability (Freq. Accuracy ±0.01 ppm)