

CROSS TECHNOLOGIES, INC.

Frequency Converters and More... Since 1994



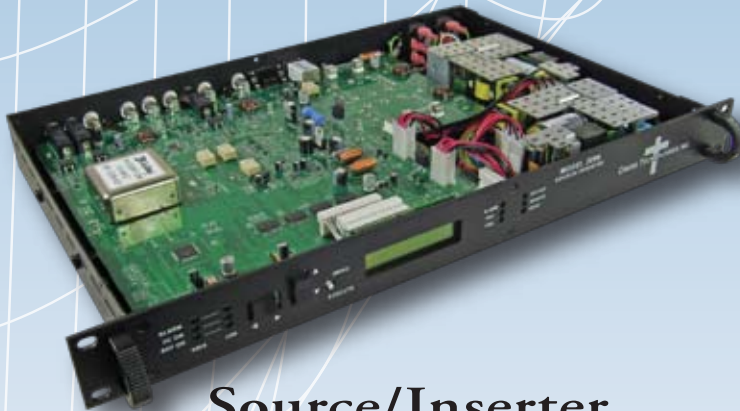
CROSS TECHNOLOGIES, INC.



**Weatherized/Multi-Band
Frequency Converters**



**Multi-Channel
Up/Downconverters
and AGC Amplifiers**



**Source/Inserter
24/48 VDC Redundant**



Frequency Converters



Protection Switches



**Power Supplies
Sources, Inserter**



Frequency Sources

Frequency Converters ♦ Switches ♦ Precision Sources ♦ Splitters/Combiners ♦ Power Supplies

Multi-Channel Solutions

Multi-Channel L-Band UP/Downconverters

- Multi-function Push Button Switches
- Ethernet with Web Browser & SNMP
- 1:1 Redundant Power
- 70 MHz or 140 MHz or Dual 70/140 MHz IF
- 4, 3, 2, & 1 Channel Configurations Available



AGC/MGC IF Amplifiers

- Multi-function Front Panel Switches
- Ethernet with Web Browser & SNMP
- 1:1 Redundant Power
- 4, 3, 2, & 1 Channel Configurations Available

Multi-Channel Up or DownConverters

MODEL	Band	Channels	Up/Down	IF In/Out	RF In/Out	Step Size	Remote M&C	Price
2416-402	L-Band	4	Down					\$7,395
2416-302	L-Band	3	Down	70 ±18 MHz		1 MHz Std.	RS232/485/422	\$5,995
2416-202	L-Band	2	Down	or	950 MHz	Optional	Optional: Ethernet	\$4,595
2416-102	L-Band	1	Down	140 ±36 MHz	to	125 KHz	with Web Browser	\$3,195
2415-402	L-Band	4	Up	or	2150 MHz	100 KHz	or SNMP, or	\$8,395
2415-302	L-Band	3	Up	BOTH 70/140		or	TCP/IP Direct	\$6,895
2415-202	L-Band	2	Up	User Selectable		1 KHz		\$5,395
2415-102	L-Band	1	Up					\$3,895

Multi-Channel AGC/MGC IF Amplifiers

MODEL	Band	Channels	Input Range	Gain Range	Remote M&C	Price
2412-408	50 to 200 MHz	4	-35 to 0 dBm	0 to 45 dB	RS232/485/422	\$3,095
2412-308	50 to 200 MHz	3	-35 to 0 dBm	0 to 45 dB	Optional: Ethernet with	\$2,795
2412-208	50 to 200 MHz	2	-35 to 0 dBm	0 to 45 dB	Web Browser or SNMP,	\$2,495
2412-108	50 to 200 MHz	1	-35 to 0 dBm	0 to 45 dB	or TCP/IP Direct	\$2,195

Custom/Special Products

Up/Down Converters with Loopback Translators

MODEL	Type	Frequency (MHz)		Gain (Fixed)	Remote M&C	Price
		Input	Output			
2017-7216	UP	70± 10 MHz	7.2166 GHz	+10 dB	Standard: RS232/485/422 Optional: Ethernet with Web Browser or SNMP, or TCP/IP Direct	\$10,695
	Down	1.6866 GHz	70 ± 10 MHz	+10 dB		
	Translate	7.2166 GHz	1.6866 GHz	---		
2017-2004	UP	70± 10 MHz	2032.775 or 2032.825 MHz	+10 dB	Ethernet with Web Browser or SNMP, or TCP/IP Direct	\$9,395
	Down	468.775 or 468.825 MHz	70 ± 10 MHz	+10 dB		
	Translate	2032.775 or 2032.825 MHz	468.775 or 468.825 MHz	---		
Other Custom/NEW Products						
2016-02-370	L-Band/UHF Downconverter, 950 - 2150 MHz to 370 ±100 MHz, 125 KHz Steps, 0 to 30 dB Gain, Non-inverting					\$4,395
1582-1001LB	1:1 Protection Switch, L-band +10 MHz with switching based on presence of 10 MHz Signal					\$2,295
2009-138	Ku-band TEST BLOCK Downconverter 13.75 - 14.50 GHz to 959 - 1700 MHz, 25 ±3 dB Gain (fixed)					\$2,595

Ka Band Up/Downconverters

Ka-Band UpConverters & DownConverters

MODEL	Band	Type	Frequency		Step Size	Freq. Sense	Gain		Price
			Input	Output			Gain Max.	Range/Steps	
3015-2124	Ka-Band	Up	70±18 MHz	21.0 -24.0 GHz	Standard: 125 KHz	Inverting	+20 dB	-10 to +20 dB / 1.0 dB	\$18,995
3015-2427	Ka-Band	Up	70±18 MHz	24.0 -27.0 GHz					\$18,995
3015-2731	Ka-Band	Up	70±18 MHz	27.0 -31.0 GHz	Optional: 1 KHz:	Inverting or Non-Inverting	+30 dB	0 to +30 dB /1.0 dB	\$18,995
3016-1722	DBS/Ka-band	Down	17.0-22.0 GHz	70±18 MHz					\$18,995
3016-1821	DBS/Ka-band	Down	17.6-21.3 GHz	70±18 MHz					\$18,995
3016-2124	Ka-band	Down	21.0-24.0 GHz	70±18 MHz					\$18,995

Enhanced Communications Block Converters

Block Converters & Block Translators

MODEL	Band	Type	Freq. Range (GHz)		Freq. Sense	Gain		Remote M&C	Price
			IN	OUT		Gain Max	Range/Steps		
CONVERTERS									
3115-59	C-band	Up	0.95-1.75	5.85-6.65	Non-Inverting	+30 dB	30 db / 0.5 dB	Standard: RS232/485/422	\$5,995
3116-34	C-band	Down	3.40-4.20	0.95-1.75	Inverting	+35 dB	30 db / 1.0 dB		\$5,495
3115-73	X	Up	2.10-2.30	7.10-7.30	Non-Inverting	+30 dB	30 dB / 0.5 dB	Optional: Ethernet with Web Browser or SNMP, or TCP/IP Direct	\$5,995
3115-137	Ku-band	Up	0.95-1.70	13.75-14.50	Non-Inverting	+30 dB	30 dB / 0.5 dB		\$6,095
3115-51	Multi, (5) Ku-bands	Up	0.95-1.45	From 10.70 to 12.75	Non-Inverting	0, ±2 dB	0 to -20 dB /1.0 dB		\$11,995
3115-21-145	Dual Ku-band	Up	0.95-1.45	12.75-13.25	Non-Inverting	+30 dB	30 dB / 0.5 /1.0 dB		\$11,995
			0.95-1.70	13.75-14.50					
TRANSLATORS									
3116-T21-1412	Dual, Ku-band	Down	13.75-14.50	10.70-11.55 11.70-12.45	Non-Inverting	+20 dB	20 db / +40 dB /1.0 dB	Standard: RS232/485/422	\$11,995
3116-T291	Ka-band	Down	27.6-29.1	17.8-19.3	Non-Inverting	-29 dB	Fixed		\$18,495
3116-T31-148	Tri-band C-, X- & Ku-band	Down	5.925-6.425	3.70-4.20	Non-Inverting	+20 dB	+20 to -40 dB /1.0 dB	Optional: Ethernet with Web Browser or SNMP, or TCP/IP Direct	\$21,950
			7.90-8.40	7.250-7.75					
3116-T71	(7) bands C-, X, Ku- & DBS bands	Down	5.85 - 6.95 to 3.40 - 4.50 7.90 - 8.40 to 7.25 - 7.75 13.75 - 14.85 to (3) Ku-bands 17.3 - 18.4 to (2) Ku-bands		Non-Inverting	+20	+20 to -40 dB +20 to -40 dB		\$23,495
3116-145T114	Ku-band	Down	13.75-14.50	10.70-11.45	Non-Inverting	+20 dB	+20 to -40 dB		\$6,195
3116-145T124	Ku-band	Down	13.75-14.50	11.70-12.45	Non-Inverting	+20 dB	/1.0 dB		\$6,195

Frequency Converters/Agile



Agile UpConverters

MODEL	BAND	RF Range (GHz)	IF Freq. (MHz)	IF BW (MHz)	Frequency Steps/Hz	Gain Range/db (dbc/Hz)	10 KHz \emptyset Noise/dBc/Hz	Price
2015-75	UHF	0.25-0.75	70	36	1M	-10 to +30	-85	\$3,495
2015-02	L	0.95-2.15	70	36	1M	-10 to +30	-80	\$3,295
2015-04	L	0.95-2.15	140	72	1M	-10 to +30	-90	\$3,495
2015-25	S	2.0-2.5	70	36	1M	-10 to +30	-80	\$3,495
2015-26	S	2.0-2.5	140	72	1M	-10 to +30	-80	\$3,695
2015-146	S	2.0-2.5	140	72	125K	-10 to +30	-88	\$6,595
2015-58	C	5.85-6.425	70	36	125K	-0 to +20	-80	\$4,795
2015-61	C	5.85-6.425	70	36	1K	+10 to +30	-85	\$6,645
2015-145	Ku	14.0-14.5	70	36	125K	0 to +20	-80	\$6,395

Agile Downconverters

MODEL	BAND	RF Range (GHz)	IF Freq. (MHz)	IF BW (MHz)	Frequency Steps/Hz	Gain Range (db)	10 KHz \emptyset Noise/dBc/Hz	Price
2016-75	L	0.25-0.75	70	36	1K	0 to +50	-90	\$3,995
2016-02	L	0.95-2.150	70	36	1M	0 to +50	-80	\$3,195
2016-22	L	0.95-2.150	70	36	1K	0 to +50	-90	\$5,995
2016-25	S	2.0-2.5	70	36	1M	0 to +50	-80	\$3,395
2016-26	S	2.0-2.5	140	72	1M	0 to +50	-80	\$3,595
2016-34	C	3.400-4.20	70	36	1K	+30 to +50	-88	\$6,195
2016-37	C	3.625-4.20	70	36	125K	+30 to +50	-80	\$4,695
2016-107	C	10.7 - 11.7	70	36	1K	+30 to +50	-80	\$6,395
2016-117	Ku	11.7-12.2	70	36	125K	+30 to +50	-80	\$6,395

Agile Up/Down Converter Combos

MODEL	BAND	RF Range (GHz)	IF Freq. (MHz)	IF BW (MHz)	Frequency Steps/Hz	Gain Range/db (dbc/Hz)	10 KHz \emptyset Noise/dBc/Hz	Price
2017-81	UHF	0.81-0.990	70	36	1M	-10 to +30	-85	\$4,195
2017-95	UHF	0.25-.950	70	36	1M	-10 to +30	-80	\$4,695
2017-03	L, L	0.95-1.525	70	36	1M	L-Band	-85	\$4,195
2017-04	L, L	0.95-2.150	140	72	1M	L-Band	-85	\$5,095
2017-35	S, UP	2.0-2.5	70	36	1M	-10 to +30	-80	\$4,695
	L, DN	0.95-1.525	70	36	1M	0 to +50	-80	
2017-65	C, UP	5.85-6.425	70	36	1M	0 to +30	-80	\$7,495
	C, DN	3.625-4.20	70	36	1M	+30 to +50	-80	
2017-74	C, UP	6.70-7.025	70	36	1M	-10 to +20	-80	\$7,495
	C, DN	4.50-4.80	70	36	1M	+30 to +50	-80	

Frequency Converters/Block



Frequency Translators

MODEL	Trans-lation	Invert or Non-Invert	In Range (MHz)	Out Range (MHz)	Band-width/Hz	Freq. Steps (Hz)	Gain Range/db	10 KHz \emptyset Noise/dBc/Hz	Price
2083-714A IF to IF	70 > 140	Non-Invert	70	110-170	36	1M	-10 to 0	-85	\$3,295
	140 > 70	Non-Invert	110-170	70	36	1M	-10 to 0	-85	
2083-22 UHF to L	U > L	Non-Invert	225-295	950-1020	70	FIXED	-10 to +30	-80	\$3,495
2083-158 L to UHF	L > U	Non-Invert	950-1450	250-750	500	FIXED	AGC	-85	\$7,695
2083-228 L to UHF	L > U	Non-Invert	1650-2150	250-750	500	FIXED	AGC	-85	\$7,695
2083-1205 IF to IF	L > U, LO	Non-Invert	950-1200	250-500	250	FIXED	0 to +20	-85	\$3,495
	L > U, HI	Non-Invert	950-1200	500-750	250	FIXED	0 to +20	-85	
2083-1217 L to L	BYPASS	Non-Invert	950-1450	950-1450	500	BYPASS	0 to +10	N/A	\$3,495
	L > L, HI	Non-Invert	950-1200	1450-1700	250	FIXED	0 to +10	-90	
2083-1721 L to L	L > L	Non-Invert	1350-1700	1800-2150	350	FIXED	0 to +20	-80	\$3,495
2083-2215 Dual L > L	L > L L > L	Invert	1725-2175	950-1400	450	FIXED	0	-80	\$3,195
2083-1222 Dual L > L	L > L, HI	Invert	950-1200	1650-1900	250	FIXED	0 to +20	-85	\$2,895
	L > L, HI	Invert	950-1200	1900-2150	250	FIXED	0 to +20	-85	
2116-6T4 C to C	C > C	Non-Invert	5845-6425	3620-4200	580	FIXED FIXED	-30, -50	-90	\$5,495
2116-14T12 Ku to Ku	Ku-Ku	Non-Invert	14,000-14,500	11,700-12,200	500	FIXED FIXED	-30, -50	-90	\$4,995

Block Upconverters

2115-58	C	5.85 - 6.425	0.95 - 1.525	7.375	20	-85	\$4,495
2116-114	Ku	11.45 - 12.25	0.95 - 1.75	10.5	20	-85	\$5,095
2115-140	Ku	14.0 - 14.5	0.95 - 1.45	13.05	20	-85	\$5,095
2115-202	Ka	19.7 - 20.2	UHF, L-Band	18.05	0	-85	\$12,995
2115-222	Ka	21.35 - 22.35	2.5 - 3.5	18.85	0	-85	\$6,995

Block Downconverters

MODEL	BAND	RF In (GHz)	RF Out (GHz)	Lo Freq. (MHz)	Gain (dB)	10 KHz \emptyset Noise dbC/Hz	Price
2116-34	C	3.4 - 4.2	0.95 - 1.75	5.15	35	-85	\$4,495
2116-72	X	7.25 - 7.75	0.95 - 1.45	6.3	35	-85	\$4,995
2115-117	Ku	11.7 - 12.75	0.95 - 2.00	10.75	35	-85	\$5,095
2116-137	Ku	13.75 - 14.5	0.95 - 1.70	12.8	35	-85	\$5,095
2116-184	Ka	17.3 - 18.4	0.95 - 2.05	16.35	25	-85	\$6,495
2116-222	Ka	21.35 - 22.35	2.5 - 3.5	18.85	20	-85	\$6,995

Frequency Converters/Multi-Band



Multi-Band Block Converters

Up/Down or Indoor	Band # Translator	Band	RF IN Range Conversion	RF Out Range (GHz)	Translation Range (GHz)	Step	Price Range (GHz)	Size (MHz)	
3115-51 Indoor	UP	1	L-Ku	0.95-1.45	10.7-11.2		FIXED	N/A	\$11,995
		2	L-Ku	0.95-1.45	11.2-11.7		FIXED	N/A	
		3	L-Ku	0.95-1.45	11.7-12.2		FIXED	N/A	
		4	L-Ku	0.95-1.45	12.2-12.7		FIXED	N/A	
		5	L-Ku	0.95-1.45	12.25-12.75		FIXED	N/A	
3116-T291 Indoor	Translator	1	Ka-Ka	27.6-29.1 (#1)	17.8-19.3 (x3)		FIXED	N/A	\$18,495
			Ka-Ka	27.6-29.1 (#2)	17.8-19.3 (x3)		FIXED	N/A	
			Ka-Ka	27.6-29.1 (#3)	17.8-19.3 (x3)		FIXED	N/A	
4116-T24 Weatherized	Translator Tunable	1	UHF-UHF	0.2-0.4	0.2-0.4		1.95-2.15	0.1	\$8,995
4115-31 Weatherized	UP	1	L-C	0.95-2.05	5.85-6.95		FIXED	N/A	\$21,995
		2	L-Ku	0.95-2.05	13.75-14.85		FIXED	N/A	
		3	L-DBS	0.95-2.05	17.3-18.4		FIXED	N/A	
4116-31 Weatherized	DOWN	1	C-L	3.4-4.2	0.95-1.75		FIXED	N/A	\$18,995
		2	Ku-L	10.7-11.8	0.95-2.05		FIXED	N/A	
		3	Ku-L	11.7-12.8	0.95-2.05		FIXED	N/A	
4116-T51 Weatherized	Translator	1	C-C	5.85-6.95	3.4-4.5		2.05-3.05	5	\$20,995
		2	Ku-Ku	13.75-14.85	10.7-11.8		2.05-3.05	5	
		3	Ku-Ku	13.75-14.85	11.7-12.8		2.05-3.05	5	
		4	DBS-Ku	17.3-18.4	10.7-11.8		5.1-5.6	5	
		5	DBS-Ku	17.3-18.4	11.7-12.8		6.6	FIXED	
4116-T61 Weatherized	Translator	1	C-C	5.85-6.95	3.4-4.5		2.05-3.05	1	\$23,995
		2	Ku-Ku	13.75-14.85	10.7-11.8		2.05-3.05	1	
		3	Ku-Ku	13.75-14.85	11.7-12.8		2.05-3.05	1	
		4	Ku-Ku	13.75-14.85	11.7-12.8		1.24-1.80	1	
		5	DBS-Ku	17.3-18.4	10.7-11.8		6.6	FIXED	
		6	DBS-Ku	17.3-18.4	11.7-12.8		5.1-5.6	5	
4115-267 Weatherized	UP	1	L-Ka	0.52-0.92	26.5-26.69		FIXED	N/A	\$13,995
4115-300 Weatherized	UP	1	L-Ka	0.95-1.95	27.5-28.5		FIXED	N/A	\$23,495
		2	L-Ka	0.95-1.95	28.0-29.0		FIXED	N/A	
		3	L-Ka	0.95-1.95	29.0-30.0		FIXED	N/A	
		4	L-Ka	0.95-1.95	30.0-31.0		FIXED	N/A	
4116-200 Weatherized	DOWN	1	Ka-L	17.7-18.7	0.95-1.95		FIXED	N/A	\$18,995
		2	Ka-L	18.3-19.3	0.95-1.95		FIXED	N/A	
		3	Ka-L	19.2-20.2	0.95-1.95		FIXED	N/A	
		4	Ka-L	20.2-21.2	0.95-1.95		FIXED	N/A	
4116-T300 Weatherized	Translator	1	Ka-Ka	27.5-28.5	17.7-18.7		8.3-10.3	5	\$26,995
		2	Ka-Ka	28.0-29.0	18.3-19.3		8.3-10.3	5	
		3	Ka-Ka	29.0-30.0	19.2-20.2		8.3-10.3	5	
		4	Ka-Ka	30.0-31.0	20.2-21.2		8.3-10.3	5	

Precision Frequency Sources



Precision Frequency Sources

MODEL	Description	Price
2099-10	Frequency Source, Dual 10 MHz Reference	\$1,695
2099-10xx	Frequency Source, Multi-Port 10 MHz Reference, 4 to 12 Port Distribution	From \$2,795
2099-17	Source / Inserter	\$2,795
2099-1748	Source / Inserter	\$2,795
2099-25xx	Frequency Source, Multi-Port 25 MHz Reference, 4 to 12 Port Distribution	From \$3,195
2099-100xx	Frequency Source, Multi-Port 100 MHz Reference, 4 to 12 Port Distribution	From \$3,295
2099-2448	Source/Inserter, 24/48 VDC, ±0.01 ppm Internal Reference	\$5,395

Switches



RF Protection Switches

MODEL	Switch 1	Frequency	Switch 2	Frequency	DC Power	Price
1:1 —						
1582-22L	2.15	GHz	2.15	GHz	24V/2.4A or 48V / 1.8A	\$2,145
1582-25L	2.5	GHz	2.5	GHz	30V / 0.5A	\$2,695
1582-25L2	2.5	GHz (x2)	2.5	GHz (x 2)	30V / 0.5A	\$2,645
1582-70L	1.5	GHz	1.5	GHz	N/A	\$1,995
1582-152	2.5	GHz	15	GHz	N/A	\$2,695
1582-652	1.5	GHz	6.5	GHz	N/A	\$2,895
1:2 —					Converter Type	
1582-10xx	10.0	MHz	10.0	MHz	Switch / Distribution	\$1,995
2582-122	2.2	GHz	2.2	GHz	Agile	\$3,995
2582-123	2.2	GHz	15.0	GHz	Block	\$4,395
2582-126	15.0	GHz	15.0	GHz	Block	\$5,295
1:4 —					Converter Type	
2582-344	2.2	GHz	15.0	GHz	Agile	\$8,095
1:8 —					Converter Type	
2582-282	2.2	GHz	2.2	GHz	Agile	\$7,095

Wave Guide Redundant Controller

MODEL	1:1	1:2	Common	Switch Drive Voltage (Amps)	Remote M&C	Price
2082-141	X	–	+26 Vdc	+26 Vdc (2.5A)	Standard:	\$2,695
2082-141P	X	–	Ground	+26 Vdc (2.5A)	RS232/485/422	\$2,695
2082-142	–	X	+26 Vdc	+26 Vdc (5.0A)		\$2,995
2082-142P	–	X	Ground	+26 Vdc (5.0A)	Optional:	\$2,995
2082-141-47	X	–	+47 Vdc	+47 Vdc (1.5A)	Ethernet with	\$3,495
2082-141-47P	X	–	Ground	+47 Vdc (1.5A)	Web Browser or	\$3,495
2082-142-47	–	X	+47 Vdc	+47 Vdc (3.0A)	SNMP, or	\$3,795
2082-142-47P	–	X	Ground	+47 Vdc (3.0A)	TCP/IP Direct	\$3,795

LNB, SSPB Power Supplies, Sources, Inserters



Power Supplies, Sources, Inserters

MODEL	Power	Internal 10MHz Source	Ext. Ref. Input	L-Band Loop(s)	Insertion	RF Protection Switch	Price
2099-17	LNB, +24 Vdc/0.5 A & SSPB, +24 Vdc/2.5 A	Yes	Yes, Opt.	2	Yes, DC & 10MHz on each RF Out	No	\$2,795
2099-218	LNB, +18 Vdc/0.5 A & SSPB, +18 Vdc/1.0 A	Yes	Yes	2	Yes, DC & 10MHz on each RF Out	No	\$2,995
2099-124	LNB, +24 Vdc/0.5 A	Yes	Yes	1	Yes, on RF Out	No	\$1,595
2099-1748	SSPB, +24 Vdc/2.5 A & +48 Vdc/5.0 A MC	Yes	Yes	1	Yes, ONLY on L-Band RF Out	No	\$2,795
2099-1004-21L	SSPB, +24 Vdc/2.5 A	Yes (a)	Yes	1(b)	Yes, on RF Out	Yes	\$4,495
2082-1848	LNB, +18 Vdc/1.0 A & SSPB, +48 Vdc/5.0 A	No	No	2	Yes, DC on each RF Out	No	\$2,295
2082-1972	LNB, +18 Vdc/1.0 A & SSPB, +48 Vdc/5.0 A or SSPB, +18 Vdc/3.0 A or SSPB, +48 Vdc/8 A	No	No	2	Multiple, User Selectable DC Configurations	No	\$4,695
2000-2xx	LNB, +24 Vdc/0.5 A	No	Yes	1	Yes (c)	No	\$595
2000-3xx	SSPB, +24 Vdc/2.5 A	No	Yes	1	Yes (c)	No	\$595-\$745

(a) Provides four (4) 10 MHz Reference Outputs. (b) Two (2) L-Band Inputs to Protection Switch, Alarm Contacts, Single RF Out with DC & 10 MHz Insertion on RF Out. (c) Inserts DC Power and External 10 MHz Reference on RF Out.

Splitters/Combiners, Loop-back Translators, Other Products

L-Band Splitters/Combiners			Test Converters			Other Products		
Model	Description	Price	Model	Frequency	Price	Model	Frequency	Price
1584-45	Quad 1x4 Splitters	\$1,775	Test U/C			1200-03	IF Processor	\$3,595
1584-29	Dual 1x8 Splitters	\$1,475	2004/2005-02	0.95 - 2.05	\$1,345/\$695	1200-07, 08	IF AGC Amplifier	\$1,095
1584-116	1x16 Splitters	\$1,475	2006-11, 12	1.13 LO	\$545	1586-06	Prog. RF Attenuators	\$15,850
1584-81	8x1 Combiner	\$1,325	Test D/C			2000-01,02,12	Power Supply	From \$350
1584-161	16x1 Combiner	\$1,475	2005-20P/22P	0.95 - 2.05/2.15	\$965/\$995			
284-0x, 1x	1x2 - 1x8 Splitters With LNB Power	From \$395	2005-59	5.925 - 6.425	\$1,695			
			2009-140	14.0 - 14.5	\$2,195			

Agile Converters - Feature Options (Visit our website for additional Feature Options)

Option #	Feature Options - Description	2015	2016	2017
E	External 10 MHz Reference	\$150.00	\$150.00	\$200.00
H	High Stability (± 0.01 ppm) Internal Reference	\$500.00	\$500.00	\$500.00
L	LNB Power, +24 VDC, 0.5 Amps	\$150.00	\$150.00	\$150.00
V	SSPB Voltage, +24 VDC, 0.5 Amps	\$300.00	\$300.00	\$300.00
V41	SSPB, +48 VDC, 2.1 Amps, 100 W	\$450.00	\$450.00	\$450.00
V48	SSPB, +48 VDC, 1.25 Amps, 60 W	\$300.00	\$300.00	\$300.00
Q	RS-485 M&C Interface (includes RS232)	\$100.00	\$100.00	\$100.00
X/X1	125/100 KHz Frequency Step Size	\$200.00	\$200.00	\$400.00
SAWxx	SAW Filter Option where x=Bandwidth	N/A	\$400.00	\$400.00
W8	Ethernet with Web Browser	\$500.00	\$500.00	\$500.00
W18	Ethernet with Web Browser and SNMP	\$500.00	\$500.00	\$500.00
W28	Ethernet M&C Remote Interface With TCP/IP, Telnet®	\$700.00	\$700.00	\$700.00

Block Converters - Connector Options (Visit our website for additional Connector Options)

Option #	Connector Options - Description	2115	2116
NN	ALL RF & IF Connectors, 50Ω N-Type	\$200.00	\$200.00
NS	RF - 50Ω N-Type / IF - 50Ω SMA	\$200.00	\$200.00
SN	RF - 50Ω SMA / IF - 50Ω N-Type	\$200.00	\$200.00
SS	ALL RF & IF Connectors 50Ω SMA	\$300.00	\$300.00

Why Choose Cross Technologies?

As we enter our 22nd year in business, our mission continues to be to provide fast response and economical products that satisfy your specific requirements. We have broad areas of expertise ranging from DC to 32 GHz. At Cross Technologies, our goal is to glorify God in all we do and be good stewards of all the gifts and talents God has given us, with a great emphasis on customer satisfaction.

Cross Technologies Products

- Frequency Converters (to 32 GHz, Up, Down, Up/Down, IF to IF)
- Protection Switches for Data and RF Signals to 20 GHz
- Frequency Sources and High Stability References
- Multi-Channel Up/Downconverters and AGC Amplifiers
- Splitters/Combiners (IF, L-Band, Data)
- Test Converters (to 20 GHz)
- Attenuators and Noise Sources
- Monitor and Control integrated functionality
- Ethernet M&C (with SNMP) available across our product lines



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