



ITEMS FOR Sale - 1st DRAFT

Monday, 16 September 2002

Please Contact sales@casa.co.nz

Phone 64-4-9393 777

Prices in US dollars – want to buy lots? - please call. - Postage and Packing extra



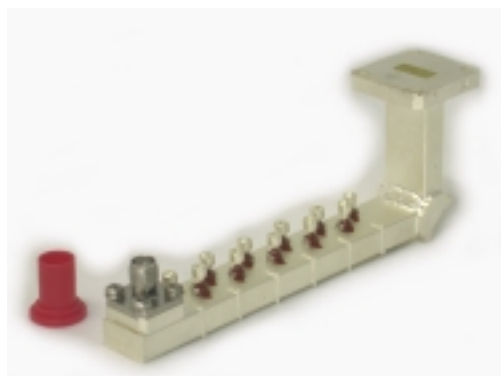
Description	Microwave Waveguide Relay/Switch	Comment
Frequency	26.5 - 40GHz	8.2V DC
Insertion loss	0.25dB Max	SPCO
Isolation	50dB Min.	D/C 0052
Waveguide Flange	WR-28 – 3 ports	
Waveguide Port		
Manufacturer	RelComm	
Model Number	RDW-SR002	029-382730-001
URL	http://www.relcommtech.com	
Quantity	70	
Condition	New - unused – original packing	
Price	\$40	
Size	83 x 41 x 32mm L x H x W	216gms



Description	Microwave Directional coupler	Comment
Frequency	?	26.5 – 40 GHz
Coupling	?	xxdB
Waveguide Flange	WR-28 (26.5 – 40 GHz)	
Waveguide Port		
Manufacturer	?	
Model Number	51028-285	MFR-63661
URL		
Quantity	60	
Condition	New - unused – original packing	
Price	\$5	
Size	130 x 35 x 20mm L x H x W	61 gms



Description	SMA to WG42 transition with filter	Comments
Frequency	many range 18 – 20 GHz	Sample 19.0075GHz
Style	5 pole/section filter	
Form	has right angle	
Waveguide Flange	WR42 (18 – 26.5 GHz)	Flange 22.5 x 16mm PD
Waveguide Port		
Manufacturer	GHz (Canada)	May be some other brands
Model Number	376-000004-004 Rev. F	A9699-4 Rev. 2
URL		
Quantity	200	
Condition	New - unused – original packing	
Price	\$8	
Size	100 x 23 x 40mm	68gms



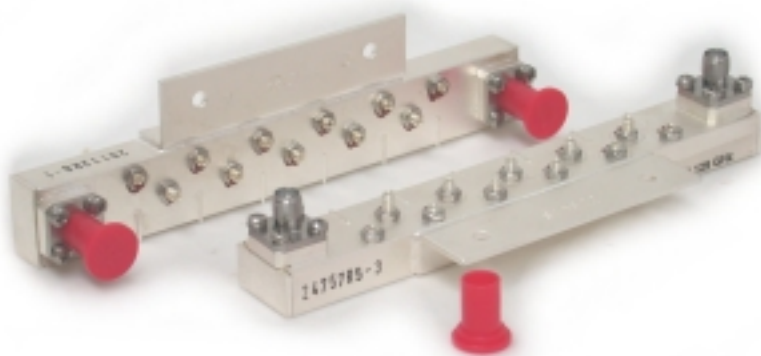
Description	SMA (f) to WG42? transition with filter	Comments
Frequency	many around 15 GHz	Sample 15.157GHz
Style	5 pole/section filter	
form	right angle	
Waveguide Flange	WR62? (12.4 – 18 GHz)	S9700-3 (33x 25.4 pd)
Waveguide Port		
Manufacturer	GHz (Canada)	May be some others
Model Number	376-000003-003 Rev. B	A9700-3 Rev. 1
URL		
Quantity	200	
Condition	New - unused – original packing	
Price	\$8	
Size	106 x 35 x 33mm	122 gms



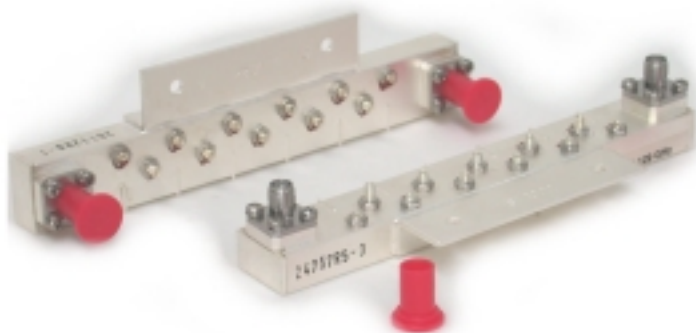
Description	Microwave filter	Comments
Frequency	tuned around 13 GHz	Sample 12.863GHz
Style	5 pole/section filter	
Connectors	2 x SMA (f)	
Waveguide Flange	WR62 (12.4 – 18 GHz)	
Waveguide Port		
Manufacturer	GHz (Canada)	WG 0.7" x 10mm OS
Model Number	376-000005-002 Rev. B	26175R1
URL		A9797-2 rev. 1
Quantity	20	
Condition	New - unused – original packing	
Price	\$10	
Size	190 x 18 x 32	124 gms



Description	Microwave filter	Comments
Frequency	all 12.800 GHz	
Form	5 pole/section	
Connector	1 x SMA (f) connectors	
Waveguide Flange		
Waveguide Port	WR62? (12.4 - 18 GHz)	
Manufacturer	GHz (Canada)	
Model	A10022-1 Rev 0	376-000006-001 Rev. A
URL		
Quantity	10	
Condition	New - unused – original packing	
Price	\$10	
Size	128 x 35 x 29 mm	103 gms



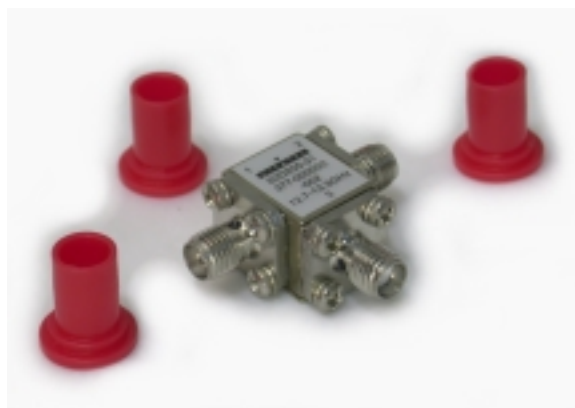
Description	Microwave Filter	Comments
Style	5 pole/section	Sample 13.129 GHz
Frequency	SMA(f) connectors	tuned around 13 GHz
Waveguide Port	WR62? (12.4 - 18 GHz) with	
Waveguide Flange		
Manufacturer	GHz (Canada)	
Model Number	A10022-5 Rev 0	376-000006-005 Rev. A
URL		
Quantity	10	
Condition	New - unused – original packing	
Price	\$10	
Size	128 x 35 x 29 mm	103 gms



Description	Microwave Wave guide Circulator	Comments
Frequency	??	
Waveguide Flange	WR28 (26.5 – 40 GHz)	3 ports
Waveguide Port		0.420" x 0.17"
Manufacturer	GHz (Canada)	
Model Number	A6047 Rev 14	
URL		
Quantity	130	
Condition	New - unused – original packing	
Price	\$10	
Size	30 x 26 x 23 mm	42 gms



Description	Microwave Circulator	Comments
Frequency	12.7 – 13.3 GHz	
Connector	3 x SMA (f)	
Manufacturer	Alcatel	
Model Number	60D205-31	377-000002-002
URL	http://www.ferrocom.com/coax3.htm	
Quantity	300	
Condition	New - unused – original packing	Blister pack
Price	\$10	
Size	43 x 32 x 13 mm	21 gms



Description	Microwave Filter (sma)	Comments
Frequency	various 6 – 7 GHz	Sample 6.690GHz

Form	7 section	
Connectors	2 x SMA (f)	
Manufacturer	K+L microwave	
Model Number	T5C50-6400/7100-E24-0/0	D.C 0025
URL	http://www.klmicrowave.com/ecommerce/viewproduct.asp?productid=141	
Quantity	100	
Condition	New - unused – original packing	maybe useful as filter in multiplier chain
Price	\$10	
Size	95 x 20 x 19 mm nominal	70 gms



Description	Microwave Duplexer SMA to Waveguide	Comments
Frequency	7.1 / 6.4 GHz to WR137 (5.85 – 8.2 GHz)	
Length	250mm	
Connectors	2 x SMA (f) to WR137	
Waveguide Port	37.5mm x 18.5mm	1.40" x 0.725"
Manufacturer	K+L microwave	
Model Number	5WZ02-6400/7100-E28-O/O/V	D.C. 039
URL	http://www.klmicrowave.com/ecommerce/files/Waveguide.pdf	
Price	\$20	100 pieces
Condition	New - unused – original packing	
Size	233 x 69 x 70mm overall	



Description	Microwave Duplexer	Comments
Frequency	2.10 / 2.19 GHz	Typical
	3 x SMA (f)	
Manufacturer	RFS	
Model Number	MD-22-2M	
URL	http://www.rfsworld.com/RFSGlobal/	
Price	\$500	12 pieces
Condition	New - unused – original packing	Carton with foam polystyrene
Size	230 x 90 x 43 mm	1006 gms



Description	Microwave Duplexer	Comments
Frequency	2.35 / 2.2.44 GHz	Typical
	3 x SMA (f)	
Documents	Data sheet + plot/certificate	
Manufacturer	RFS	Australia
Model Number	MD-24-1M	28189.001
URL	http://www.rfsworld.com/RFSGlobal/	
Price	\$500	40 pieces
Condition	New - unused – original packing	Carton with foam polystyrene
Size	230 x 90 x 43 mm	1006 gms?



Description	7.1 GHz Transverter	Comments
Frequency	7.1 GHz to IF	

	Separate tx and rx modules	
	200 x 130 x 60 mm	
Manufacturer	DMC	
Model Number		
URL		
Price	\$30	80 pieces
Condition	Good for hard to get parts	
Size		

These modules are great for finding hard to get high performance microwave parts

Many amplifiers, oscillators, filters, Hittite Mixers

10.000 MHz TCXO,

HMC168C8 (x2) 4.5 – 8 GHz doubly balanced mixer

http://www.hittite.com/product_info/product_specs/mixers/hmc168c8.pdf

Toshiba circulator

http://www.semicon.toshiba.co.jp/eng/prd/common/pdf/gene2003_19microwave.pdf

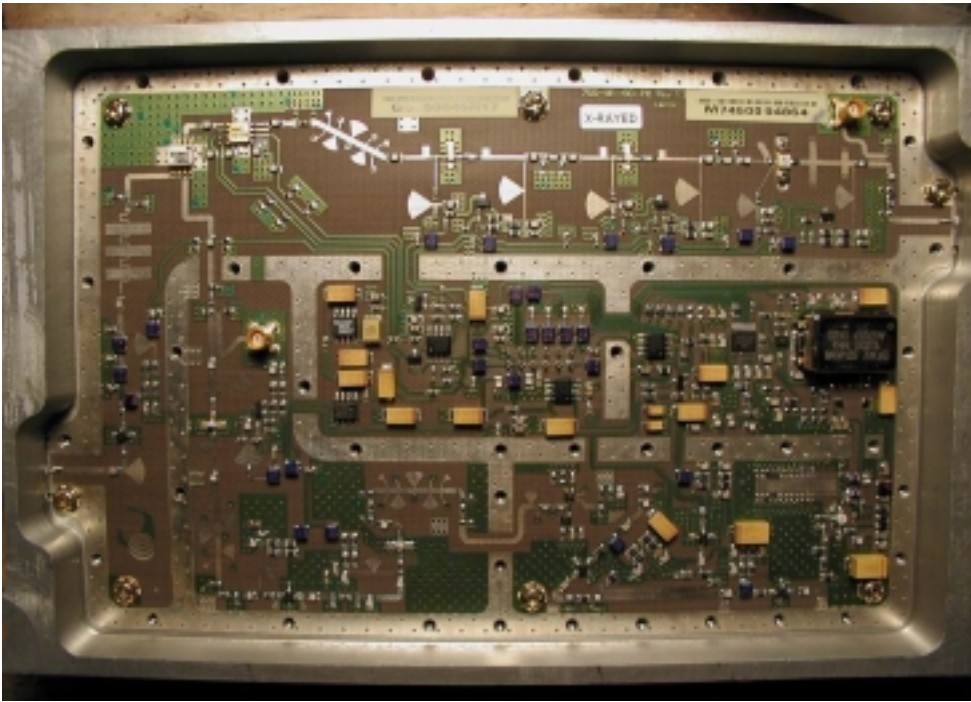
SMC SIQ-K20 (50 – 100 MHz 90 degree hybrid)

<http://www.synergymwave.com/products/hybrids/hybridpdf/Hybrid90degree.pdf>

TX Module



RX Module

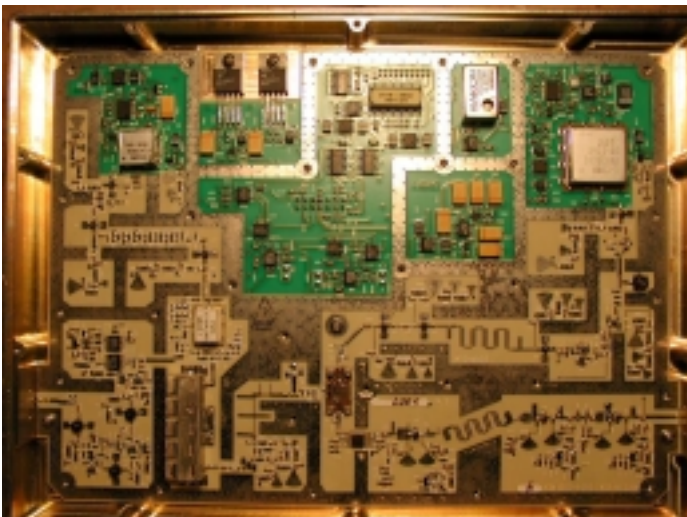


Description	7.1 GHz Transverter	Comments
Frequency	7.1 GHz to IF	
	Separate tx and rx modules	
Size	180 x 230 x 80	Weight
Manufacturer	Serria com	
Model Number		
URL		
Price	\$30	5 only
Condition	Good for parts	

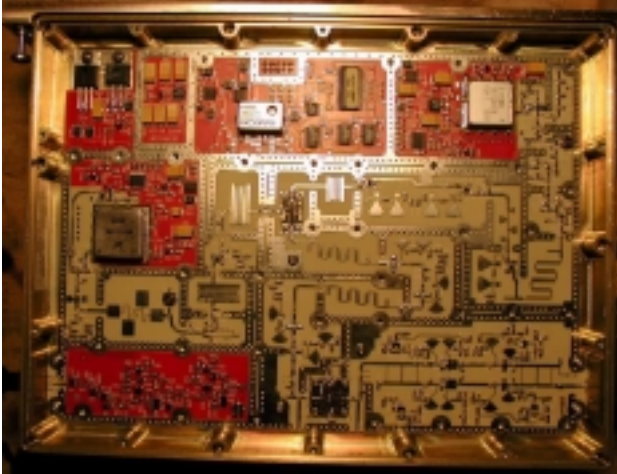
Great for parts: Zcomm VCO's: Microwave amplifiers and mixers

Z-comm CLV1360, V603SE01, V802SE06 - SMC CRO-S_A46 - RAKON VTX04080R

PMC X1MA24A - K&L 5DR33-1212/X50-1.5 - RX module



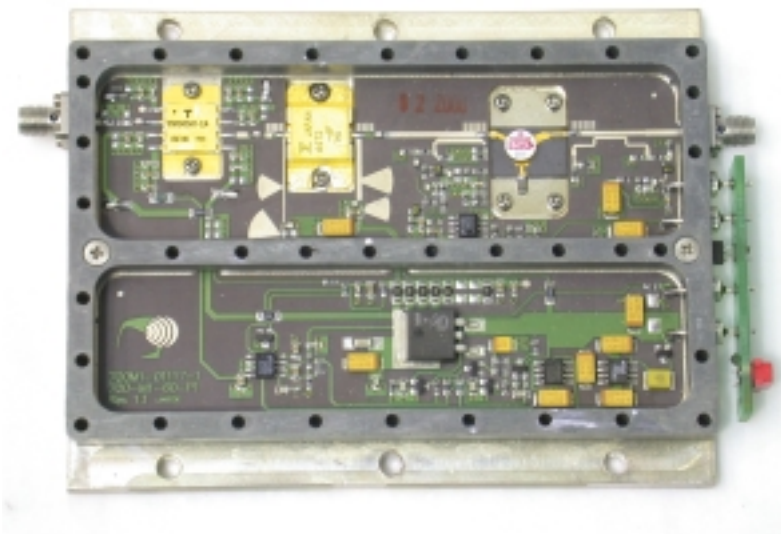
TX module



Description	7.1 GHz Power Amplifier	Comments
Frequency	7.1 GHz	
	2W at 5.760 GHz with about 30 dB gain. Needs a single 10.5 VDC supply (GaAs negative supply is internal)	
Size	120 x 100 x 15 mm	Weight = 805 gms
Connectors	SMA ff + IDC header	
Manufacturer	DMC	
Model Number	GS230798R10	
URL		
Price	\$50	120 pieces
Condition	New – unused – original packing	Bubble Pack

Contains 5 – 7 GHz 50ohm Gain Block - GasFet amplifier F16472A (Toshiba)

Circulator with inbuilt dummy load



Description	NICAM Encoder	Comments
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Frequency	TV IF 38.9 MHz	
	Professional NICAM encoder	
Size	19" rack 1U high	Weight
	Internal PSU	
Manufacturer	Barconet	
Model	NE768	
URL	http://www.saeurope.net/products_barconet/Product.asp?element=1115	
Price	\$500	
Quantity	20 units	
Condition	removed from working installation – tested OK	
Documents	Manual available – please ask	



Description	SMA (f) to WG42? transition	Comments
Frequency	?	
	right angle	
Waveguide/Port		0.625" x 0.3125"
Waveguide/Flange	WR42? (12.4 - 18 GHz)	33sq x 25mm pd
Manufacturer	GHz (Canada)	
Model Number	379-000001-093	A8516-1 Rev. 0
URL		
Quantity	xx	
Condition	New - unused – original packing	Blister pack
Price	\$8	
Size	34 x 34 x 19mm	35 gms



Description	Microwave Wave guide Circulator	Comments
Frequency	??	
Waveguide Flange	WR?? (xx~yy GHz)	3 port
Waveguide Port		0.625" x 0.3125"
Manufacturer	GHz (Canada)	24147R12
Model Number	A6051 Rev. 13	377-000001-003
URL		
Quantity	130	
Condition	New - unused – original packing	
Price	\$10	
Size	38 x 38 x 33 mm	113 gms

