

Down East Microwave Inc.

Price list and Product Summary

April, 2011

Web Site: <http://www.downeastmicrowave.com>

<u>Model #</u>	<u>Description</u>	<u>Price</u>
<u>6 Meter Products (50 - 54 MHz)</u>		
L50-28	6M transverter assembled, <1dBNF, 25W output High level mixer, 28MHz IF	479.00
L50-28CK	6M transverter Complete kit with enclosure<1dBNF, 25W outputHigh level mixer, 28MHz IF	359.00
L50-28K	6M transverter PC Board kit only, <1dBNF, 50mW Output 28MHz IF	220.00
L50-28HK	6M transverter 25W Hardware kit with machined heatsink, enclosure, and connectors	120.00
X22.000	Standard 22.000 MHz crystal for 28MHz IF (included with transverter)	16.00
X24.000	Optional 24.000 MHz crystal for 26MHz IF = 50MHz (special order crystal)	25.00
L50LNA	50MHz GaAs pHEMT pre amp., 17dBG,< 0.5dBNF, RX only! BNC connectors. Assembled.	75.00
L50LNA-2N	50MHz GaAs pHEMT pre amp., 17dBG,< 0.5dBNF, RX only! Type "N" connectors. Assembled	75.00
L50LNACK	Complete Kit version of L50LNA with BNC connectors and machined die cast enclosure	45.00
L50LNACK-2N	Complete Kit version of L50LNA with Type "N" connectors and machined die cast enclosure	45.00
L50LNAK	PC Board kit of L50LNA without enclosure, Feed-thru capacitor or connectors	25.00
L50LNAPCB	50MHz PHEMT pre-amp PCB and documentation	12.00
<i>For other related products consult the Accessories listing</i>		
<u>2 Meter Products (144 - 148 MHz)</u>		
L144-28HP	144MHz transverter, 60W output <1.0dBNF, Custom Built to your specifications.	Base Price 589.00
COMMRF-OPT	<i>Common RF option for all High Power transverters, factory installed only</i>	75.00
L144-28	2M transverter assembled, 25W output, <1.0dBNF, High level mixer, 28MHz IF	479.00
L144-28CK	2M transverter Complete kit 25W output, <1.0dBNF w/ all conn.,enclosure, and heatsink	359.00
L144-28K	2M transverter PC Board kit only, 50mW Output, <1.0dBNF	220.00
L144-28HK	2M 25W transverter Hardware kit with connectors machined enclosure and heatsink	120.00
144-28INT	To convert 2M IF Microwave Transverters to 28MHz IF – Assembled.	Not Avail. - In Redesign
144-28INTCK	To convert 2M IF Microwave Transverters to 28MHz IF Complete Kit	Not Avail. - In Redesign
144-28INTK	To convert 2M IF Microwave Transverters to 28MHz IF PC Board Kit	Not Avail. - In Redesign
TIK2	Universal Transverter Interface for Elecraft K2 transceiver, kit only!	30.00
EKT1	Transverter Interface for Elecraft K2 transceiver	15.00
X116.000	Standard 116 MHz crystal for 28MHz IF = 144MHz RF (included with transverter)	16.00
2M30PA	30W linear 144MHz Power amp., 50mW Input, no TR switch Assembled	210.00
2M30PACK	30W linear 144MHz Power amp., 50mW Input, no TR switch Complete kit	160.00
L144LNA	144MHz GaAs pHEMT pre amp., 17dBG, <0.5dBNF, RX only! BNC connectors, assembled.	75.00
L144LNA-1N	144MHz GaAs pHEMT pre amp., 17dBG, <0.5dBNF, RX only! Type "N" conn. on Input, assembled	75.00
L144LNA-2N	144MHz GaAs pHEMT pre amp., 17dBG, <0.5dBNF, RX only! 2 Type "N" connectors, assembled	75.00
L144LNACK	Complete Kit version of L144LNA with BNC connectors and machined die cast enclosure	45.00
L144LNACK-1N	Complete Kit version of L144LNA with one type "N" connectors and machined die cast enclosure	45.00
L144LNACK-2N	Complete Kit version of L144LNA with Type "N" connectors and machined die cast enclosure.	45.00
L144LNAK	PC Board kit of L144LNA without enclosure, connectors or Feed-thru capacitor	25.00
L144LNAPCB	PC Board and documentation of L144LNA	12.00
<i>For other related products consult the Accessories listing.</i>		
<u>1.25M Products (219 -225 MHz)</u>		
L222-28HP	222MHz transverter, 60W output, <1.0dBNF Custom Built to your specifications.	Base Price 639.00
COMMRF-OPT	<i>Common RF option for all High Power transverters, factory installed only</i>	75.00
L222-28	222 MHz. transverter assembled, 25W, <1.0dBNF, High level mixer, 28MHz IF	479.00
L222-28CK	222MHz. transverter 25W, <1.0dBNF Complete Kit w/ connectors, enclosure and heatsink	379.00
L222-28K	222 MHz. transverter PC Board kit only, 50mW Output <1.0dBNF	220.00
L222-28HK	Hardware kit for 25W version with machined enclosure and heatsink	120.00
X194.000	Standard 194.00 MHz crystal for 28MHz IF (included with transverter)	18.00
222PA	30W linear 222MHz Power amp., 50mW Input, no TR switch Assembled	215.00
222PACK	30W linear 222MHz Power amp., 50mW Input, no TR switch Complete kit	165.00
L222LNA	222MHz GaAs pHEMT pre amp., 17dBG, <0.5dBNF, RX only! BNC connectors. Assembled.	75.00
L222LNA-1N	222MHz GaAs pHEMT pre amp., 17dBG, <0.5dBNF, RX only! Type "N" connector on Input	75.00
L222LNA-2N	222MHz GaAs pHEMT pre amp., 17dBG, <0.5dBNF, RX only! 2 Type "N" connectors	75.00
L222LNACK	Complete Kit version of L222LNA with BNC connectors and machined die cast enclosure	45.00
L222LNACK-1N	Complete Kit version of L222LNA with one type "N" connectors and machined die cast enclosure	45.00
L222LNACK-2N	Complete Kit version of L222LNA with type "N" connectors and machined die cast enclosure.	45.00
L222LNAK	PC Board kit of L222LNA without enclosure, connectors or Feed-thru capacitor	25.00

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L222LNAPCB	PC Board and documentation of L222LNA. <i>For other related products consult the Accessories listing</i>	12.00
<u>70 cm Products (430-450)</u>		
L432-28HP	432 MHz. transverter assembled, 50W output, <0.7dBNF, 28MHz IF	Base Price 599.00
COMMRF-OPT	<i>Common RF option for all High Power transverters, factory installed only</i>	75.00
L432-28	432MHz transverter assembled, , <0.1dBNF, 25W output, 28MHz IF.	499.00
L432-28CK	432MHz transverter complete kit., <0.1dBNF, 25W output with enclosure and hardware.	379.00
L432-28K	432MHz transverter PC Board kit. 50mW, w/out hardware, enclosure, or module.	240.00
L432-28HK	432MHz 25W transverter Hardware kit with connectors, machined enclosure.	120.00
X101.000	101.000 MHz crystal for 432 MHz operation = 28MHz (included with transverter)	16.00
X101.750	101.750 MHz crystal for 435 MHz operation = 28MHz (No charge substitution at time of order)	16.00
7025PA	25W linear 70cm Power amp., 10mW Input, no TR switch Assembled	210.00
7025PACK	25W linear 70cm Power amp., 10mW Input, no TR switch Complete kit	160.00
L432LNA	432MHz GaAs pHEMT pre amp, <0.7dBNF, 17dBG, RX only! BNC connectors, assembled.	75.00
L432LNA-1N	432MHz GaAs pHEMT pre amp, <0.7dBNF, 17dBG, RX only! Type "N" connector on input only	75.00
L432LNA-2N	432MHz GaAs pHEMT pre amp, <0.7dBNF, 17dBG, RX only! 2 Type "N" connectors	75.00
L432LNACK	Complete Kit version of L432LNA with BNC connectors and machined die cast enclosure	45.00
L432LNACK-1N	Complete Kit version of L432LNA with one type "N" connectors and machined die cast enclosure	45.00
L432LNACK-2N	Complete Kit version of L432LNA with type "N" connectors and machined die cast enclosure	45.00
L432LNAK	PC Board kit of L432LNA, no enclosure, connectors or Feed-thru capacitor	25.00
L432LNAPCB	PC Board and documentation of L432LNA <i>For other related products consult the Accessories listing</i>	12.00
<u>33 cm Products (902 -928 MHz)</u>		
90X-144HP3	902/3 MHz transverter assem, 30W out, <1.5dBNF, 144MHz IF, Separate TX/ RX	Base price 590.00
90X-144HP6	902/3 MHz transverter assem, 60W out, <1.5dBNF, 144MHz IF, Separate TX/ RX	Base price 800.00
902-28HP3	902 MHz transverter assembled, 30W out, <1.5dBNF, 28MHz IF, Separate TX/ RX	Base price 590.00
902-28HP6	902 MHz transverter assembled, 60W out, <1.5dBNF, 28MHz IF, Separate TX/ RX	Base price 800.00
COMMRF-OPT	<i>Common RF option for all High Power transverters, factory installed only</i>	75.00
90X-144	902/3MHz transverter, 0.5W, High Dynamic Range, <1.5dBNF, 144 MHz. IF.	395.00
90X-144CK	902/3MHz transverter, 0.5W, <1.5dBNF, 144 MHz IF, Complete kit w/ hardware and enclosure.	295.00
90X-144K	902/3MHz transverter, 0.5W, <1.5dBNF, 144 MHz IF, PC Board Kit, w/out hardware or enclosure.	220.00
902-28	902MHz transverter, 0.5W, High Dynamic Range, <1.5dBNF, 28 MHz. IF.	395.00
902-28CK	902MHz transverter, 0.5W, <1.5dBNF, 28 MHz IF, Complete kit w/ hardware and enclosure.	295.00
902-28K	902MHz transverter, 0.5W, <1.5dBNF, 28 MHz IF, PC Board Kit, w/out hardware or enclosure	220.00
90X-144HK	Hardware kit with connectors and machined enclosure.	100.00
90X-144PCB	PC Board and documentation of 900MHz transverter.	50.00
X189.750	189.750 MHz crystal for 903 operation with 144 MHz IF (Included w/ corresponding transverter)	18.00
X189.500	189.500 MHz crystal for 902 operation with 144 MHz IF (Included w/ corresponding transverter)	18.00
3340PA	40 watts 33cm Linear Power Amplifier Assembled, 10 mW input, 12 VDC, N connectors only	235.00
3340PACK	40 watts 33cm Linear Power Amplifier Complete Kit 10 mW input, 12 VDC, N connectors only	185.00
3370PA	70 watts 33cm Linear Power Amplifier Assembled, 20 mw input, 12 VDC, N connectors only	400.00
3370PAS	70 watts 33cm Linear Power Amplifier Assembled, 20 mw input, 12VDC, N conn. w/ T/R switch	520.00
3370PAHS	70 watts 33cm Linear Power Amplifier Assembled, 20 mw input, 12 VDC, N conn. Lg HS Version	450.00
33160PA	160 Watts 33cm linear amplifier, Assembled only.	Base Price 795.00
TRANS-OPT	<i>Transceive option for the 33160PA factory installed only</i>	90.00
PA-10	1-10W input option for 3340/3370/33160PA assembled amp. Factory installed (specify input level)	30.00
915LNAC	High IP3, 33cm LNA, Weatherproof, <0.7dBNF, >16dBG, DC Coax, Type N connectors	120.00
915LNA	High IP3, 33cm LNA, Weatherproof, <0.7dBNF, >16dBG, Feed-Thru, Type N connectors	120.00
915LNAHC	High IP3, 33cm LNA, Weatherproof, <0.7dBNF, >25dBG, DC Coax, Type N connectors	150.00
915LNAH	High IP3, 33cm LNA, Weatherproof, <0.7dBNF, >25dBG, Feed-Thru, Type N connectors	150.00
33LNAWPQ	33cm ATV LNA, High IP3, <0.7dBNF, >13dBG, DC Coax	120.00
WSSA-902	902.100MHz Synthesized WSS assemble in enclosure, requires external 10MHz source	170.00
WSSAI-902	902.100MHz Synthesized WSS assemble in enclosure, with <u>internal</u> 10MHz source	200.00
WSSA-903	903.100MHz Synthesized WSS assemble in enclosure, requires external 10MHz source	170.00
WSSAI-903	903.100MHz Synthesized WSS assemble in enclosure, with <u>internal</u> 10MHz source	200.00
WSSA-915	915.000MHz Synthesized WSS assemble in enclosure, requires external 10MHz source	170.00

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<u>Model #</u>	<u>Description</u>	<u>Price</u>
WSSAI-915	915.000MHz Synthesized WSS assemble in enclosure, with <u>internal</u> 10MHz source	200.00
WSSA-M	Multiple Frequency Synthesized WSS assem in enclosure, requires external 10MHz source	190.00
WSSA-IM	Multiple Frequency Synthesized WSS assemble in enclosure, with <u>internal</u> 10MHz source	220.00
A32	Assembled A32 synthesizer board only used for all WSSA. Requires External 10 Mhz.	139.00
<i>For other related products consult the Accessories listing</i>		

23 cm Products (1240 - 1300 MHz)

1296-144HP2	1296 MHz transverter assem, 25W out, <1.5dBNF, 144MHz IF, Separate TX/ RX	Base price 590.00
1296-144HP5	1296 MHz transverter assem, 50W out, <1.5dBNF, 144MHz IF, Separate TX/ RX	Base price 800.00
1296-28HP2	1296 MHz transverter assem, 25W out, <1.5dBNF, 28MHz IF, Separate TX/ RX	Base price 590.00
1296-28HP5	1296 MHz transverter assem, 50W out, <1.5dBNF, 28MHz IF, Separate TX/ RX	Base price 800.00
COMMRF-OPT	<i>Common RF option for all High Power transverters, factory installed only</i>	75.00
1296-144	1296 MHz transverter, 0.5W, <1.5dBNF, split 144MHz IF w/ T/R	395.00
1296-144CK	1296 MHz transverter Complete Kit, 0.5W with conn and machined enclosure.	295.00
1296-144K	1296 MHz transverter, 0.5W PCB Kit, without hardware or enclosure	220.00
1296-144HK	Hardware kit with machined enclosure	100.00
1296-144PCB	PC Board and documentation of 1296-144	50.00
1296-28	1296 MHz transverter, 0.5W, <1.5dBNF, split 28MHz IF w/ T/R	395.00
1296-28CK	1296 MHz transverter Complet Kit w/ conn & machine enclosre, 0.5W, <1.5dBNF	295.00
1296-28K	1296 MHz transverter PCB kit , without hardware	220.00
1296-28HK	Hardware kit with machined enclosure	100.00
1296-28PCB	PC Board and documentation of 1296-28	50.00
X192.000	Standard 192.000 MHz crystal for 1296 MHz operation (included in all kits)	18.00
2330PA	30W linear 1270-1300MHz Power amp., 50mW Input, no TR switch Assembled	240.00
2330PATV	30W linear 1250-1290MHz Power amp., 50mW Input, no TR switch Assembled	240.00
2330PACK	30W linear 23cm Power amp., 50mW Input, no TR switch Complete kit	190.00
2360PA	60W linear amplifier, 150mW input, assembled only	425.00
2360PAS	60W linear amplifier, 150mW input with T/R switch, assembled only	545.00
23120PA	120W linear amplifier, assembled only	Base Price 845.00
TRANS-OPT	<i>Transceive option for the 23120PA factory installed only</i>	90.00
PA-10	1-10W input attenuator option for all amplifiers, factory installed (need to specify input level)	30.00
23ULNA	23m PHEMT preamplifier, <0.4dBNF, >17dBG. Type "N", weatherproof, assembled. RX only	140.00
23ULNACK	Complete kit version of 23ULNA, with enclosure and connectors (N or SMA please specify)	90.00
1296LNAC	High IP3, 23cm LNA, Weatherproof, <0.7dBNF, >16dBG, DC Coax, Type N connector.	120.00
1296LNA	High IP3, 23cm LNA, Weatherproof, <0.7dBNF, >16dBG, Feed-Thru, Type N connector.	120.00
1296LNAHC	High IP3, 23cm LNA, Weatherproof, <0.7dBNF, >25dBG, DC Coax, Type N connector.	150.00
1296LNAH	High IP3, 23cm LNA, Weatherproof, <0.7dBNF, >25dBG, DC Coax, Type N connector.	150.00
23LNAWPQ	High IP3, 23cm ATV LNA, Weatherproof, <0.7dBNF, >13dBG, DC Coax, Type N connector.	120.00
WSS1296	1296.1 MHz Weak signal source, Crystal based	Discontinued
WSSA-1275	1275.000MHz Synthesized WSS assemble in enclosure, requires external 10MHz source	170.00
WSSAI-1275	1275.000MHz Synthesized WSS assemble in enclosure, with <u>internal</u> 10MHz source	200.00
WSSA-1296	1296.100MHz Synthesized WSS assemble in enclosure, requires external 10MHz source	170.00
WSSAI-1296	1296.100MHz Synthesized WSS assemble in enclosure, with <u>internal</u> 10MHz source	200.00
WSSA-M	Multiple Frequency Synthesized WSS assem in enclosure, requires external 10MHz source	190.00
WSSA-IM	Multiple Frequency Synthesized WSS assemble in enclosure, with <u>internal</u> 10MHz source	220.00
A32	Assembled A32 synthesizer board only used for all WSSA. Requires External 10 Mhz.	139.00
<i>For other related products consult the Accessories listing</i>		

Commercial and non HAM band Products

1691LNAC	High IP3, 1691MHz LNA, Weatherproof <0.7dBNF, >16dBG, DC Coax, Type "N" connector.	120.00
1691LNA	High IP3, 1691MHz LNA, Weatherproof <0.7dBNF, >16dBG, Feed-Thru, Type "N" connector.	120.00
1691LNAHC	High IP3, 1691MHz LNA, Weatherproof <0.7dBNF, >25dBG, DC Coax, Type "N" connector.	150.00
1691LNAH	High IP3, 1691MHz LNA, Weatherproof <0.7dBNF, >25dBG, DC Coax, Type "N" connector.	150.00
1691ULNA	PHEMT 1691MHz LNA, <0.4dBNF 15dBG, Weatherproof and type "N" connectors	140.00
12LNA	2.4-2.7GHz Low noise Amp., Weatherproof, 21dB Gain, <2.0dB NF, Type "N" conn, DC on Coax	85.00
12LNAFT	2.4-2.7GHz LNA., Weatherproof, 21dB Gain, <2.0dB NF, Type "N" conn, Feed thru for DC Power	85.00
14LNA	1.7-2.2GHz Low noise Amp. Weatherproof, 21dB Gain, <2.0dB NF, Type "N" conn., DC on Coax	85.00
14LNAFT	1.7-2.2GHz LNA. Weatherproof, 21dB Gain, <2.0dB NF, Type "N" conn., Feed thru for DC Coax	85.00

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1420ULNA	PHEMT, <0.4dBNF >16dBG, 1420 MHz. RX only! Weatherproof and type "N" connectors.	140.00
1420LNAC	High IP3, 1350-1500MHz LNA, <0.7dBNF, >15dBG, DC Coax, Type "N" connectors.	120.00
1420LNAHC	High IP3, 1350-1500MHz LNA, <0.7dBNF, >25dBG, DC Coax, Type "N" connectors.	150.00
WSS1420	1420 MHz weak signal source Crystal Based.	Discontinued
WSSA-1420	1420MHz Synthesized WSS assemble in enclosure, requires external 10MHz source	170.00
WSSAI-1420	1420MHz Synthesized WSS assemble in enclosure, with <u>internal</u> 0MHz source	200.00
WSSA-M	Multiple Frequency Synthesized WSS assem in enclosure, requires external 10MHz source	190.00
WSSA-IM	Multiple Frequency Synthesized WSS assemble in enclosure, with <u>internal</u> 0MHz source	220.00
A32	Assembled A32 synthesizer board only used for all WSSA. Requires External 10 Mhz.	139.00
1500ULNA	1500MHz PHEMT LNA, <0.4dBNF, >16dBG. Weatherproof and type "N" connectors.	140.00
1520LNAC	High IP3, 1500-1650MHz LNA, <0.8dBNF, >15dBG, Weatherproof, DC Coax, Type "N" Connector	120.00
1520LNAHC	High IP3, 1500-1650MHz LNA, <0.8dBNF, >25dBG, Weatherproof, DC Coax, Type "N" Connector	150.00
137LNA	137 MHz. GaAs FET pre amp., 17dBG, <0.7dBNF, RX only, BNC connectors, assembled.	65.00
137LNA-1N	137 MHz. GaAs FET pre amp., 17dBG, <0.7dBNF, RX only Type "N" connectors on Input	70.00
137LNA-2N	137 MHz. GaAs FET pre amp., 17dBG, <0.7dBNF, RX only 2 Type "N" connectors.	75.00
137LNACK	Complete Kit of GaAs FET pre amp., 17dBG, <0.7dBNF, RX, BNC connectors.	35.00
137LNACK-1N	Complete Kit of GaAs FET pre amp., 17dBG, <0.7dBNF, RX, 1 type "N" connector on Input.	40.00
137LNACK-2N	Complete Kit of GaAs FET pre amp., 17dBG, <0.7dBNF, RX, 2 type "N" connector.	45.00
137LNAK	PC Board kit of 137LNA without enclosure or connectors.	25.00
137LNAPCB	PC Board and documentation of 137LNA	12.00
836LNAC	High IP3 800-900MHz LNA <0.6dBNF, >16dBG, Weatherproof, DC Coax, Type "N" conn.	120.00
836LNAHC	High IP3 800-900MHz LNA <0.6dBNF, >25dBG, Weatherproof, DC Coax, Type "N" conn.	150.00
1880LNAC	High IP3 1750-1900MHz LNA <0.7dBNF, >16dBG, Weatherproof, DC Coax, Type "N" conn.	120.00
1880LNAHC	High IP3 1750-1900MHz LNA <0.7dBNF, >25dBG, Weatherproof, DC Coax, Type "N" conn.	150.00
1960LNAC	High IP3 1900-2100MHz LNA <0.7dBNF, >16dBG, Weatherproof, DC Coax, Type "N" conn.	120.00
1960LNAHC	High IP3 1900-2100MHz LNA <0.7dBNF, >25dBG, Weatherproof, DC Coax, Type "N" conn.	150.00
2442LNAC	High IP3 2100-2500MHz LNA <0.8dBNF, >12dBG, Weatherproof, DC Coax, Type "N" conn.	120.00
2442LNAHC	High IP3 2100-2500MHz LNA <0.8dBNF, >25dBG, Weatherproof, DC Coax, Type "N" conn.	150.00
BT	Pre amp DC power inserter, >1 GHz, Type "N" (F) connectors	40.00
BTM	Pre amp DC power inserter, >1 GHz, Type "N" (M) on RF only side, "N" (F) on RF/DC side	45.00
BTL	Pre amp DC power inserter, <1 GHz	40.00
BTLM	Pre amp DC power inserter, <1 GHz, Type "N" (M) on RF only side, "N" (F) on RF/DC side	45.00

For other related products, consult the Accessories listing

13 cm Products (2300 - 2450 Mhz) and AO-40

2304-144	2304 MHz transverter, 1W, <2dBNF, Separate TX/RX ports, A32 synth LO, requires <u>external clock</u>	500.00
OPT-I	Internal 10 MHz clock option <u>to replace external clock</u>	25.00
OPT-M	Multiple frequency option. See A32 info for available frequencies. <u>Option is included in all Kits.</u>	20.00
2304-WTR	SMA relay and relay driver installed on 2304-144 only. When available	\$60.00
2304-144CK	2304 MHz xverter complete kit, 1W, <2.0dB NF, A32 synth LO, requires external clock	400.00
2304-144LP	2304 MHz xverter, >20 mW output, <2dBNF, Splt TX/RX, A32 synth LO, requires external clock	425.00
2304CK	2304 MHz xverter complete kit, >20 mW, <2.0dB NF, A32 synth LO, requires external clock	350.00
2304K	2304 MHz xverter PC Board kit, >20 mW. Xverter, TC and A32 synth requiring external clock,	275.00
2304BK	2304 MHz Transverter PC Board only with components. (A-32 and TC not included)	100.00
2304HK	Hardware Kit with machine enclosure, end plates and pallet.	100.00
2304PCB	2304MHz Transverter PC Board and documentation.	75.00
10-4	10MHz Amplified and Filtered 4 Way divider Assembled in enclosure	75.00
10-4CK	10MHz Amplified and Filtered 4 Way divider complete kit with enclosure	50.00
10-4K	10MHz Amplified and Filtered 4 Way divider PC Board kit, NO enclosure	25.00
10-4PCB	10MHz Amplified and Filtered 4 Way divider PC Board only with documentation	12.00
13ULNA	2.3-2.4 GHz PHEMT LNA WB5LUA design, <0.7dBNF, >17dBG Type "N" connector	120.00
13ULNASMA	2.3-2.4 GHz PHEMT LNA WB5LUA design, <0.7dBNF, >17dBG SMA connector.	120.00
13ULNACK	Complete Kit of 13ULNA with weatherproof enclosure and type "N" connectors.	85.00
13ULNACK-S	Complete Kit of 13ULNA with weatherproof enclosure and SMA connectors.	85.00
13ULNAK	2.3-2.4 GHz PHEMT LNA WB5LUA design, <0.7dBNF, >17dBG PC Board Kit.	45.00
13ULNAPCB	PC Board and documentation of 13ULNA.	20.00
13LNA	2.1-2.5GHz Low noise Amplifier, 21dB Gain, <2.0dB NF, Type "N" conn., DC on Coax	85.00

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13LNAFT	2.1-2.5GHz LNA, 21dB Gain, <2.0dB NF, Type "N" conn., Feed thru for DC Coax	85.00
WSSA-1152	2304MHz Synthesized WSS assembled in enclosure, requires external 10MHz source	170.00
WSSAI-1152	2304MHz Synthesized WSS assembled in enclosure, with <u>internal</u> 10MHz source	200.00
WSSA-2401	2401MHz Synthesized WSS assembled in enclosure, requires external 10MHz source	170.00
WSSAI-2401	2401MHz Synthesized WSS assembled in enclosure, with <u>internal</u> 10MHz source	200.00
WSSA-M	Multiple Frequency Synthesized WSS assem in enclosure, requires external 10MHz source	190.00
WSSA-IM	Multiple Frequency Synthesized WSS assembled in enclosure, with <u>internal</u> 10MHz source	220.00
A32	Assembled A32 synthesizer board only used for all WSSA. Requires External 10 MHz.	139.00

For other related products consult the Accessories listing

9 cm Products (3300 - 3480 MHz)

3456-144	3456 MHz xverter, 1W, <2dB NF, Separate TX/ RX ports, A32 synth LO, requires <u>external clock</u>	500.00
OPT-I	Internal 10 MHz clock option to <u>replace external clock</u>	25.00
OPT-M	Multiple frequency option. See A32 info for available frequencies. <u>Option is included in all Kits.</u>	20.00
3456-144WTR	SMA relay and relay driver installed on 3456-144.	When available \$60.00
3456-144CK	3456 MHz transverter complete kit, 1W, <2.0dB NF, A32 synth LO, requires external clock	400.00
3456-144LP	3456 MHz xverter, 20mW, <2dB NF, Separate TX/ RX ports. A32 synth LO requires external clock.	425.00
3456CK	3456 MHz transverter Complete kit, >20mW, <2.0dB NF A32 synth LO, requires external clock	350.00
3456K	3456 MHz xverter, PC board kit, >20mW. Xverter, TC and A32 synth requiring external clock	275.00
3456BK	3456 MHz Transverter PC Board only with components. (TC and A32 nit included)	100.00
3456HK	Hardware kit with machine enclosure, end plates and pallet	100.00
3456PCB	3456 MHz Transverter Teflon PC Board and documentation.	75.00
10-4	10MHz Amplified and Filtered 4 Way divider Assembled in enclosure	75.00
10-4CK	10MHz Amplified and Filtered 4 Way divider complete kit with enclosure	50.00
10-4K	10MHz Amplified and Filtered 4 Way divider PC Board kit, NO enclosure	25.00
10-4PCB	10MHz Amplified and Filtered 4 Way divider PC Board only with documentation	12.00
9ULNA	3.4GHz PHEMT LNA WB5LUA design, <0.8dB NF, >14dBG, Assem. Type "N" conn.	120.00
9ULNASMA	3.4GHz PHEMT LNA WB5LUA design, <0.8dB NF, >14dBG, Assem. SMA conn.	120.00
9ULNACK	Complete kit of 9ULNA with weatherproof enclosure and type "N" connectors.	85.00
9ULNACK-S	Complete kit of 9ULNA with weatherproof enclosure and SMA connectors.	85.00
9ULNAK	3.4GHz PHEMT LNA WB5LUA design, <0.8dB NF, >14dBG, PC Board Kit	45.00
9ULNAPCB	PC Board only of 9ULNA.	20.00
WSS1152	1152.030 MHz Weak Signal Source Crystal Based.	Discontinued
WSSA-1152	3456MHz Synthesized WSS assemble in enclosure, requires external 10MHz source	170.00
WSSAI-1152	3456MHz Synthesized WSS assemble in enclosure; with <u>internal</u> 10MHz source	200.00
WSSA-M	Multiple Frequency Synthesized WSS assem in enclosure, requires external 10MHz source	190.00
WSSA-IM	Multiple Frequency Synthesized WSS assemble in enclosure, with <u>internal</u> 10MHz source	220.00
A32	Assembled A32 synthesizer board only used for all WSSA. Requires External 10 MHz.	139.00

For other related products consult the Accessories listing

5 cm Products (5760 MHz)

5760-144	5760 xverter, 3W, <1.3dB NF, Seperate TX/RX ports, A32 synth LO, requires <u>external clock</u>	775.00
OPT-I	Internal 10 MHz clock option to <u>replace external clock</u>	25.00
OPT-M	Multiple frequency option. See A32 info for available frequencies. <u>Option is included in all Kits.</u>	20.00
5760-WTR	SMA relay and relay driver installed on 5760-144 or 5760-144LP.	When available \$60.00
5760-144CK	5760 xverter, 3W, <1.3dB NF, complete kit, A32 synth LO requires external clock	625.00
5760-144LP	5760 xverter, >10mW, <3.5dB NF, separate TX/RX A32 synth LO, requires external clock	500.00
5760CK	5760 xverter, >10mW, <3.5dB NF, complete kit, A32 synth LO, requires external clock.	400.00
5760K	5760 xverter, >10mW, <3.5dB NF, PCB kit with pallet, TC, and A32 synth requiring external clock	350.00
5760BK	5760 transverter, 10mW, <3.5dB NF PC Board kit only with pallet, A32 and TC not included	195.00
5760PCB	5760-144LP transverter, >10mW, < 3.5dB NF, Teflon PC Board and documentation only.	75.00
5760HK	Hardware kit with machined enclosure, end plates, and connectors for <u>LP versions only.</u>	60.00
10-4	10MHz Amplified and Filtered 4 Way divider Assembled in enclosure	75.00
10-4CK	10MHz Amplified and Filtered 4 Way divider complete kit with enclosure	50.00
10-4K	10MHz Amplified and Filtered 4 Way divider PC Board kit, NO enclosure	25.00
10-4PCB	10MHz Amplified and Filtered 4 Way divider PC Board only with documentation	12.00
5ULNA	5.7GHz PHEMT LNA WB5LUA design <0.9dB NF, >13dBG, SMA connectors.	120.00
5ULNACK	5.7GHz PHEMT LNA WB5LUA design <0.9dB NF, >13dBG, Complete Kit, SMA Conn	85.00

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<u>Model #</u>	<u>Description</u>	<u>Price</u>
5ULNAK	5.7GHz PHEMT LNA WB5LUA design <0.9dBNF, >13dBG, PC Board Kit.	45.00
5ULNAPCB	5.7GHz PHEMT LNA WB5LUA design <0.9dBNF, >13dBG, PC Board only and documentation.	20.00
WSSA-1152	5760MHz Synthesized WSS assemble in enclosure, requires external 10MHz source	170.00
WSSAI-1152	5760MHz Synthesized WSS assemble in enclosure, with <u>internal</u> 10MHz source	200.00
WSSA-M	Multiple Frequency Synthesized WSS assem in enclosure, requires external 10MHz source	190.00
WSSA-IM	Multiple Frequency Synthesized WSS assemble in enclosure, with <u>internal</u> 10MHz source	220.00
A32	Assembled A32 synthesizer board only used for all WSSA. Requires External 10 Mhz.	139.00

For other related products consult the Accessories listing

3 cm Products (10.4 GHz)

10368-144	10368MHz xverter, >3W, <1.5dBNF, Split TX/RX ports, A32 synth LO, requires <u>external clock</u>	775.00
OPT-I	Internal 10 MHz clock option to <u>replace external clock</u>	25.00
OPT-M	Multiple frequency option. See A32 info for available frequencies. <u>Option is included in all Kits.</u>	20.00
10368-WTR	SMA relay and relay driver installed on 10368-144. When available	\$60.00
10368-144CK	10368MHz xverter, >3W, <1.5dBNF, Complete kit, A32 synth LO, requires external clock.	625.00
10368-144LP	10368MHz xverter, >10 mW, <3.5dBNF, separate TX/RX, A32 synth LO, requires external clock	500.00
10368CK	10GHz transverter, 10mW, <3.5dBNF, Complete kit. A32 synth LO, requires external clock.	400.00
10368K	10GHz transverter, 10mW, <3.5dBNF, PC Board kit with pallet, A32 synth, requires external clock.	350.00
10368BK	10GHz Basic transverter, 10mW, <3.5dBNF PCB kit only with pallet. A32 and TC not included.	195.00
10368PCB	10368-144LP transverter 10mW, <3.5dBNF, Teflon PC Board and documentation only.	75.00
10368HK	Hardware kit with machined enclosure, end plates, and connectors for <u>LP versions only.</u>	60.00
10-4	10MHz Amplified and Filtered 4 Way divider Assembled in enclosure	75.00
10-4CK	10MHz Amplified and Filtered 4 Way divider complete kit with enclosure	50.00
10-4K	10MHz Amplified and Filtered 4 Way divider PC Board kit, NO enclosure	25.00
10-4PCB	10MHz Amplified and Filtered 4 Way divider PC Board only with documentation	12.00
3-3PAP	10368MHz Power Amplifier, 3W output, 23dBG SMA, Assem. in aluminum pallet w/out Heat sink	325.00
3-3PACK	10368MHz Power Amplifier, 3W output, 23dBG SMA, Complete kit with aluminum pallet	225.00
3-8PAPK	10368MHz Power Amp., 2W input, 8W output, PC Board kit. <u>FET's not included.</u>	60.00
3-2ULNA	10GHz PHEMT LNA W5LUA design 2 stage. 22dBG, <1.10 dBNF Assembled, SMA conn only	140.00
3-2ULNACK	W5LUA PHEMT design preamp. 2 stage, 22dBG, <1.10 dBNF complete kit, SMA conn only.	105.00
3-2ULNAK	W5LUA PHEMT design preamp. 2 stage, 22dBG, <1.10 dBNF PCB kit.	65.00
3-2ULNAPCB	PC Board of 3-2ULNA only.	20.00
WSSA-1152	10368MHz Synthesized WSS assemble in enclosure, requires external 10MHz source	170.00
WSSAI-1152	10368MHz Synthesized WSS assemble in enclosure, with <u>internal</u> 10MHz source	200.00
WSSA-M	Multiple Frequency Synthesized WSS assem in enclosure, requires external 10MHz source	190.00
WSSA-IM	Multiple Frequency Synthesized WSS assemble in enclosure, with <u>internal</u> 10MHz source	220.00
A32	Assembled A32 synthesizer board only used for all WSSA. Requires External 10 Mhz.	139.00

For other related products consult the Accessories listing.

Accessories for all DEM products

A32RFK	Assembled A32 synthesizer board for 2.3-10GHz DEMI transverters with hardware.	144.00
A32RFKX4	Set of 4 Assembled A32 synthesizer board with hardware.	548.00
A32	Assembled A32 synthesizer PC board only.	139.00
A32X4	Set of 4 Assembled A32 synthesizer PC board only.	528.00
10-4	10MHz Amplified and Filtered 4 Way divider Assembled in enclosure	75.00
10-4CK	10MHz Amplified and Filtered 4 Way divider complete kit with enclosure	50.00
10-4K	10MHz Amplified and Filtered 4 Way divider PC Board kit, NO enclosure	25.00
10-4PCB	10MHz Amplified and Filtered 4 Way divider PC Board only with documentation	12.00
TC	Transverter control IF switch. 10W input w/ adjustable atten. Assembled PC Board.	45.00
TCK	Transverter control IF switch. 10W input w/ adjustable atten. PC Board Kit	35.00
TCPCB	Transverter Control PC Board and documentation.	12.00
TRS	4 Step, 8 I/O, TR sequencer, assembled in an enclosure.	95.00
TRSB	4 Step, 8 I/O, TR sequencer Assembled PC Board.	60.00
TRSK	4 Step, 8 I/O, TR sequencer PC Board kit.	35.00
TRSCK	4 Step, 8 I/O, TR sequencer Complete kit (includes hardware and enclosure).	60.00
TRSHK	TR Sequencer enclosure and hardware kit.	25.00
TRSPCB	TR Sequencer PC Board and documentation.	15.00
PTT-X5K	5 Circuit "Push to Talk" buffer. PC Board Kit	25.00

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PTT-X5PCB	5 Circuit "Push to Talk" buffer. PC Board.	10.00
RFPMK	10 step bar graph current driven power meter kit.	20.00
ABPM	W1GHz All Band Power Meter Complete Kit	75.00
RVD-1	28V relay driver, requires 12V, kit Only!	10.00
UTR-12	12V PCB mount RF relay, 5 watts @ 1.3 GHz max without connectors.	10.00
AOS-28	RF sensed solid state T/R switch with built in 25W attenuator, 28MHz.	70.00
AOS-144	RF sensed solid state T/R switch with built in 25W attenuator, 144MHz.	80.00
PPS-1	Single stage bias power supply for GaAs-FET preamplifiers.	12.00
PPS-2	Two stage dual bias power supply for GaAs-FET preamplifiers	15.00
MMICK	MMIC amp. PCB kit. Specify MMIC type(MAR series only. Specify 1,2,3,4,6 or MAV11)	10.00
MMICPCB	Universal wide band amplifier PC Board used with MAR series only	5.00
MMICKE1	2 stage MMIC Teflon PC Board kit with two ERA-1	14.00
MMICKE2	2 stage MMIC Teflon PC Board kit with two ERA-2	14.00
MMICKGALI	2 stage MMIC Teflon PC Board kit with <u>one</u> GALI-74	14.00
MMICKE5	2 stage MMIC Teflon PC Board kit with <u>one</u> ERA-5	14.00
MMICKMGA	2 stage MMIC Teflon PC Board kit with <u>one</u> MGA86576	18.00
MMICTEF	2 stage Teflon PC Board used with ERA series and MGA86576 MMIC's	6.00
BT	Pre amp DC power inserter, >1 GHz	40.00
BTM	Pre amp DC power inserter, >1 GHz, Type "N" (M) on RF only side, "N" (F) on RF/DC side	45.00
BTL	Pre amp DC power inserter, <1 GHz	40.00
BTLM	Pre amp DC power inserter, <1 GHz, Type "N" (M) on RF only side, "N" (F) on RF/DC side	45.00
SSBT	Safety Switch Bias Tee, Type N (M) on Input and Type N (F) on output; 50 Watts	65.00
DN001K	Higher Receive IP3 MOD for 6M-70CM transverter. For units pre dating year 2000.	10.00
DN002HK	Higher Receive IP3 MOD 33CM and above Preamplifier. For units pre dating year 2000.	10.00
DN002LK	Higher Receive IP3 MOD 6M-70CM Preamplifier. For units pre dating year 2000.	10.00
DN005K	Higher Receive IP3 MOD for 903 and 1296 MHz transverters. For units pre dating year 2000.	10.00
Connectors		
N3/4-F	Type "N", female, 4 hole, 0.690" flange mount	7.00
N3/4-M	Type "N", male, 4 hole, 0.690" flange mount	15.00
NPANEL-F	Type "N", female, 4 hole, large	2.50
N-141	Type "N" female bulkhead to UT141 cable	5.00
N-085	Type "N" female bulkhead to UT085 cable	5.00
BNCPCB	BNC, female, 1 hole mount, 3/8" dia.	2.00
BNC3/4-F	BNC, female, 4 hole 0.690" flange mount	6.00
SMAPLAT-F	SMA, female, 4 hole plated brass flange, solderable with gold pin	3.00
SMA3/4-F	SMA, Female, 4 hole, 0.690" flange, solderable, 0.050" dia. gold pin	4.50
SMAPANEL	SMA, female, 1 hole mount	2.50
RCA-J	RCA Jack with ground lug, 1/4" panel	1.00
RCA-P	RCA Plug with metal shield	1.00
Relays and coaxial products		
CX140S	Tohtsu CX140S, 250W at 1 GHz, 40dB isolation, One type "N" Connector, 12V.	70.00
SMARLY	SMA relays used, Transco or equiv., tested @ 10 GHz, 24 volts	When available 45.00
RVD-1	28V relay driver kit, requires 12V and PTT ground to energize	10.00
G5V-12	OMRON 12V DC relay, PCB mount, DPDT	4.00
G5V-5	OMRON 5V DC relay, PCB mount, DPDT	4.00
G6Y-12	OMRON 12V RF relay, PCB mount, SPDT, >60dB isolation @ 1.5 GHz	6.00
Capacitors		
ATC1-XXX	B case, 110mil porcelain chips. Values available: 1.6, 6.8, 12, 18, 27, 39, 470, 1000pF	1/2.00 or 10/15.00
ATC50-XXX	A case, 55mil porcelain chips. Values available: 1.2, 8.2, 47.	1/1.25 or 10/9.00
ATC50-100	A case, 55mil, porcelain chip 100pf	1/1.00 or 10/6.00
FEED 4-40	DC Power line filter, #4-40 threads	2.50
FEED 8-32	DC Power line filter #8-32 threads	2.50
PISTON-4	Miniature 0.5- 4 pF piston capacitor	4.50
TRIM1-6	Rotary ceramic trim cap, 1.5-6pF	1.00
TRIM2-12	Rotary ceramic trim cap, 2-12 pF	1.00

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TRIM0.3-3	Rotary surface mount trim cap, 0.3-3.0pF Voltronics (JZ030)	2.00
CCB-XXX	Chip capacitors in bag (25 same value chips/bag), most values avail. (1.5pF - 0.1uF), specify val.	2.00
CCB-TANT	Chip capacitors 10 pieces per bag 1.0 uF Tantalum	2.50
CCB-TANT10	Chip capacitors 10 pieces per bag 10.0 uF Tantalum	2.50
ELEC-100	100 uF, 25 VDC electrolytic Cap, axial	0.50
ELEC-2.2	2.2 uF, 16 VDC electrolytic Cap, axial	0.25
DISC-XXX	Disc ceramic caps, 10 - 0.1uF, specify values	0.25
Resistors		
1K POTSMD	1000 ohm Surface Mount potentiometer	0.50
1K POT	1000 ohm PC-mount potentiometer	1.00
50OHMTERM	10W, strip-line flange mount, 50 ohm load # 4 mounting hole	14.00
3OHMPWRRES	10W power resistor 3.0 Ohm	4.00
RCB-XXX	Chip resistors in bag (25 same value chips/bag), most val. avail. (10 ohm - 10Mohm), specify val.	2.00
CAR-XXX	Carbon composition resistors, 1/4 W, 22 ohm - 680 ohm and 1.5K ohm	0.25
NTC-10K	10K Ohm NTC Thermistor leaded	1.00
PTC-60	60 degrees Thermistor leaded	2.00
PTCSK	Thermistor Clamp Assembly kit	4.00
TCHLOAD	50OHM Load TO-220 Package, 35W @ 25°C	5.00
Inductors		
0.10CHOKE	0.10 uH molded choke	0.75
0.12CHOKE	0.12 uH molded choke	0.75
0.22CHOKE	0.22 uH molded choke	0.75
0.33CHOKE	0.33 uH molded choke	0.75
0.33CHOKE-H	0.33 uH molded VHF choke	1.25
1.0CHOKE	1.0 uH molded choke	1.00
MMICs		
FMM5061VF	9.5-13.3GHz Power Amplifier MMIC, 27dBG, Pout +33dBm	110.00
FMM5056VF	5.8-7.2GHz Power Amplifier MMIC, 28dBG, Pout +34dBm	100.00
MAR1 (0185)	1 GHz, 16dB Gain, 5.8dB Noise Figure, +2dBm at 1dB Gain compression	2.00
MAR2 (0285)	1 GHz, 12dB Gain, 6.5dB Noise Figure, +6dBm at 1dB Gain compression	2.25
MAR3 (0385)	1 GHz, 12dB Gain, 6.0dB Noise Figure, +10dBm at 1dB Gain compression	2.30
MAR6 (0685)	1 GHz, 17dB Gain, 3.2dB Noise Figure, +10dBm at 1dB Gain compression	2.20
MAV11 (1104)	1 GHz, 11dB Gain, 4.0dB Noise Figure, +18dBm at 1dB Gain compression	3.00
ERA-1	DC-8 GHz, 10dB Gain @ 6 GHz, 4dB Noise Figure, +14dBm @ 1dB Gain compression	2.50
ERA-2	DC-8 GHz, 12dB Gain @ 4 GHz, 4dB Noise Figure, +16dBm @ 1dB Gain compression	2.50
ERA-3	DC-8 GHz, 14dB Gain @ 6 GHz, 3.5dB Noise Figure, +13dBm @ 1dB Gain compression	2.50
ERA-4	DC-4 GHz., 11.8dB Gain @ 4 GHz., 4.0dBNF, +18dBm @ 1 dB gain comp	6.00
ERA-5	DC-4 GHz., 16dB Gain @ 4 GHz., 4.0dBNF, +19dBm @ 1 dB gain comp	6.00
ERA-50	DC-2 GHz., 19.4dB Gain @ 1 GHz., 3.3dBNF, +17.2dBm @ 1 dB gain comp	5.00
ERA-6	DC-4GHz., 11dB Gain @4 GHz., 4.0dBNF, +19dBm @ 1dB gain Comp	6.00
N6(NLB310)	DC-10GHz, 10dB Gain @ 6GHz, 5dB Noise Figure, +14dBm @ 1dB Gain compression	3.25
GALI-74	DC-1GHz., 21dB Gain @ 1 GHz., 2.7dBNF, +18dBm @ 1dB Gain comp. SOT-89 Package	5.00
MGA86576	1.5-8 GHz, 23dB Gain, @ 2 GHz.<2dB Noise Figure, +6dBm at 1dB Gain compression	10.00
AH-1	250- 3GHz., 13dB Gain @ 2GHz 2.7dBNF +21 P1DB, +41dBm IP3 SOT89 Package	10.00
AH215	700-2400 Mhz, 13 dB gain @1.3 Ghz, +30dBm, SO8 IC package	\$25.00
Low Noise GaAs FETs		
FLL177ME	L-Band Power GaAs FET, +32.5dBm @ 1dB Gain compression	60.00
NE32584	PHEMT, 10 GHz, 0.6dB Noise Figure, 12dB Gain	8.00
NE32010S01	Super Low Noise HJ FET, 0.35dBNF @ 12GHz, 13.5dBG	2.00
ATF10136	0.5-12GHz GaAsFET 0.5dB Noise Figure and 13dB Gain @ 4GHz	8.00
ATF10736	Substitute with ATF10136	-----
ATF21186	Substitute with ATF10136	-----

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ATF36077	PHEMT, 10 GHz, 0.6dB Noise Figure, 12dB Gain	8.00
ATF34143	Substitute with FPD750	-----
FPD750S3	GaAs pHEMT, 0.62dB NF @ 2GHz, 18dBG, +19P1dB, +36dBMIP3, SOT343 Package	7.50
FPD750S8	GaAs pHEMT, 0.6dB NF @ 2GHz, 18dBG, +25P1dB, +38dBMIP3, SOT89 Package	7.50
RF and Switching Transistors		
MPS5179	VHF Oscillator transistor, Plastic.	0.50
2N5179	VHF Oscillator transistor, Metal,	1.50
MRF559	1 GHz, 1/2W Motorola	2.00
PN2222	NPN switching transistor, plastic 2N2222, 150 mA	0.50
MPS51W	PNP switching transistor, 1 amp	0.50
TIP32A	PNP switching transistor, 3 amps	1.50
Voltage Regulators		
78L05	5V, 200mA. TO-92	0.75
78L08	8V, 150mA, TO-92	0.75
78L09	9V, 150mA, TO-92	0.75
78S05	5V, 2A, TO-220	1.00
78M05	5V, 0.5A, SMD, TO-252 Package	1.00
78S09	9V, 2A, TO-220	2.00
ICL7660	Voltage inverter, 15VDC max., 8 pin dip	2.50
7660SMD	Voltage inverter, 15VDC max., SOIC-8	2.50
NMA0505	5V, 2W Isolated DC/DC converter, 7pin SIP Package	12.00
Diodes and Mixers		
MPN3404	VHF PIN diode, low power	0.25
MA4E2054B	Surface mount mixer pair, 10GHz, HSMS-8202 replacement	1.00
MA4P1250	UM9401 surface mount	4.00
HSMS2800	Surface mount RF Schottky Barrier diode, single (5082-2835 equivalent)	0.50
HP 2800	RF Shottky Barrier diode (5082-2800)	1.50
HP 3824	Surface mount dual pin diode	2.00
SYM-18H	5-1800MHz mixer, +17dBm LO, Surface Mount	15.00
TUF-1H	500 MHz, +17dBm LO mixer, small package	18.00
1N914	Switching diode,	0.25
1N4001	100, 1 amp rectifier diode	0.25
LED	Red LED, 1/8" dia. 30 mA	0.50
LED-B	Blue LED, 1/8" dia.	0.75
Enclosures		
ROSE-L	Weatherproof, cast aluminum, 3.75" x 2.5" x 1.375"	20.00
ROSE-S	Weatherproof, cast aluminum, 2.5" x 2.25" x 1.375"	12.00
CTPE113	Weatherproof, cast aluminum, 4.53" x 3.54" x 2.17"	15.00
DEM-M	Extruded aluminum box with end plates, 4.125" x 1.875" x 7.75"	30.00
DEM-L	Extruded aluminum box with end plates, 4.125" x 1.875" x 9.75"	35.00
DEM-LNA	Die-cast aluminum, 3.54" x 1.42" x 1.18"	8.00
1590B	Hammond die-cast aluminum, 4.4" x 2.4" x 1.1"	9.50
1590BB	Hammond die-cast aluminum, 4.7" x 3.7" x 1.2"	19.00
Miscellaneous		
BRASS8-32	8-32 x 5/8" brass screw	0.25
BRASS4-40	4-40 x 3/8" brass screw	0.25
ENAMELXX	Enamel coated wire #28, #24, #18	0.50/ft
1/2PIPE	1/2" pipe caps and hardware for 8-12 GHz filter	1.50
3/4PIPE	3/4" pipe caps and hardware for 3-7 GHz filter	2.00
SPDT	Toggle switch, SPDT, 1/4" panel mount	2.50
SPDT-RT	PCB Mount Toggle switch SPDT, 1/4" hole	2.50
STDF-25	4-40 x 1/4" aluminum stand-off for mounting PC Boards	0.40
STDF-50	4-40 x 1/2" aluminum stand-off for mounting PC Boards	0.40

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Product description available for almost all products. If you need more detailed descriptions please inquire or visit our website.

Check our web site for up to date surplus items and new product introductions at

<http://www.downeastmicrowave.com>

Our business hours are from Monday to Thursday, 9:00AM to 6:00PM EST. We are closed on Friday.

Prices are subject to change without notice and quantities may be limited.

Expect long delivery times on all assembled products.

