



**QUOTATION: QTC111006UAz**

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Total Pages = 1

We are pleased to offer the following budgetary quotation for Schottky diode receivers.

<u>Item</u>	<u>Description</u>	<u>Unit Price</u>	<u>Delivery</u>
<b>1</b>	<b>810 GHz Subharmonic Mixer + LO</b> Ambient Mixer Noise Temperature: 4000 K (DSB) Expected System Configuration: {PLO} + {Amplifier} + {D50 Doubler} + {D100 Doubler} + {D200 Doubler} + {D400 Doubler} + {WR-1.2SHM} RF Input Port: WR-1.2 Diagonal Feedhorn, 25 dB gain typical DC Power: 16 W expected DC Requirements: 11.4V @ 0.4A, 9V @ 1.2A, <25V @ 0A (four times)	<b>\$65,000</b>	<b>14 Weeks</b>
<b>2</b>	<b>1.45 THz Subharmonic Mixer + LO</b> Ambient Mixer Noise Temperature: 10,000 K (DSB) Expected System Configuration: {PLO} + {Amplifier} + {D60 Doubler} + {D120 Doubler} + {D250 Doubler} + {T750 tripler} + {WR-0.65SHM} RF Input Port: WR-0.65 Diagonal Feedhorn, 25 dB gain typical DC Requirements: Similar to Item 1	<b>\$85,000</b>	<b>14 Weeks</b>
<b>3</b>	<b>1.9 THz Subharmonic Mixer + LO</b> Ambient Mixer Noise Temperature: 20,000 K (DSB) Expected System Configuration: {PLO} + {Amplifier} + {D90 Doubler} + {D90 Doubler} + {D180 Doubler} + {D375 Doubler} + {T830 tripler} + {WR-0.51SHM} RF Input Port: WR-0.5 Diagonal Feedhorn, 25 dB gain typical DC Requirements: Similar to Item 1	<b>\$125,000</b>	<b>20 Weeks</b>

NOTES:

All VDI components offered use planar diode technology and have no mechanical tuners.  
This quote is valid for sixty days beyond date given above.  
Delivery: Delivery dates shown are the expected maximum, VDI will add cost of shipping and insurance to invoice. Please include shipping instructions with the PO.  
Terms: Net 30 days, VDI Terms and conditions apply.

Authorization:

Thomas W. Crowe, President  
Virginia Diodes, Inc.