



## COMPANY OVERVIEW

Type of Business: Corporation, State of California	<b>Contacts:</b> Engineering : Shukdev Tantod (760) 473-4517 Quality : Scott Mullen (760)744-8350 x 215 Production : Shashi Patel (760) 331-9675 Marketing/Sales : Kanak Vaghela (760) 473-4811 Facility Security Officer : Bob Osborne (760) 744-8350 x206 Cust. Service : Beverly Jorgensen (760) 744-8350 x 200
GSA: GS-07F-0085X & 07F-0086X	
Size: Small	
Category: SDB Minority Owned Company, Asian/Indian American (FAR 19.101), Hubzone (Tract # 06073020018)	
U.S. Congressional District: California 49th	ITAR Controlled
Length of time in present Business: 52+ Years	SBA Pass: CCR, ORCA, DSBS
FSCM: 04423	Engineering: 5, Quality 2
Dun & Bradstreet No.: 089138168	NAIC CODES : 334419,334220,334290,334511,517410
Identification No. 26-4078065	
Quality Control: ISO 9001-2008	Standard Industrial Classification (SIC) Code:5985,5915,5985,5995,5996,5998, 6625,6920
Type Of Manufacturer: Microwave Components & Subsystem Manufacturer	Government Contracts:FA8250-09-M0075, SPM7M5-09-M2924,M76004-09-P0704, W912L9-10-P0006, M6700409W507, 9259N941T631,
Type of Products: RF Filters (Fixed & Tunable), RF Switches, Switch Filters, Attenuators (Electronic & Manual Tunable), Pin Diode Control Components, Subsystems, Ferrite Circulators & Isolators	
Smoke /Opacity Meters for Diesel Engines	Facility Size: 12,000 Square Feet

### Application Details

Minimum Performance requirements needed in order to provide Telonic Berkeley part number.

1. Frequency Range
2. 3dB Bandwidth
3. Attenuation @ Stop Band Frequency.

### Program Details

1. Product Application
2. Prototype Requirements
3. EAU
4. Production Start Date

Additional Information is available by visiting our website:

[www.telonicberkeley.com](http://www.telonicberkeley.com)

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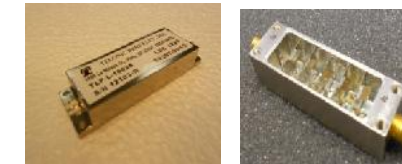
### Tubular Filters

- **Lowpass & Bandpass**
- Frequency Range:10MHz to 3 GHz
- Size: ½", 3/4", 1 1/4" Diameter
- Connectorized Package
- Applications: High Power, Test Equipment, Defense, Commercial



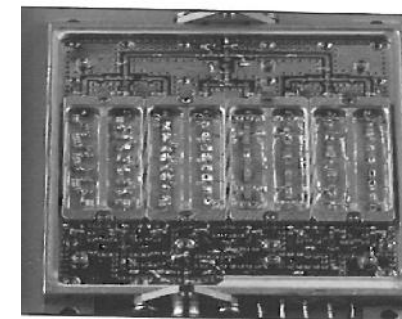
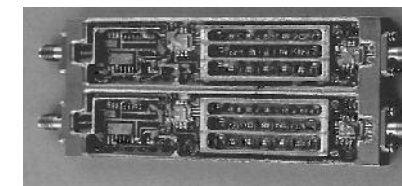
### Miniature Lumped Element Filters

- **Highpass; Lowpass; Bandpass; Bandstop & Filter Bank**
- Frequency Range: 10 MHz to 20 GHz
- Bandwidth: 1% to Multi-Octave
- Surface Mount / Connectorized
- Package options available
- Applications: Broadcast, SATCOM, telecommunications, Defense, IED Jammers, Space Level & Commercial
- High Power / High Performance Design



### Switch Filters

- **Pin Diode Switch Filters**
- Frequency Range:10 MHz to 18 GHz
- No. of Channels: 2 to 16
- Insertion Loss: 2 to 6dB Typ.
- Isolation: >50dB
- Rejection: >60dB



### Interdigital & Microstrip Filters

- **Bandpass**
- Frequency Range:1 GHz to 40 GHz
- Bandwidth: 1% to 35%
- Surface Mount / Connectorized
- Package options available
- Applications: Base Stations, Defense, Space Level & Commercial



### Filter Banks

- **Lowpass; Bandpass & Highpass**
- Frequency Range:10 MHz to 18 GHz
- Connectorized Package
- Applications: Systems where there is no room for other filters





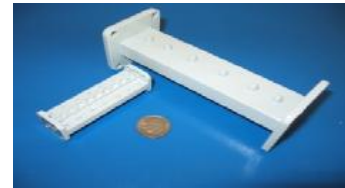
**Combine / Cavity Filters**

- **Bandpass**
- Frequency Range: 500 MHz to 40 GHz
- Bandwidth: 1% to 35%
- Surface Mount / Connectorized
- Package options available
- Applications: Defense, Space Level & Commercial
- High Power / High Performance Cavity Design



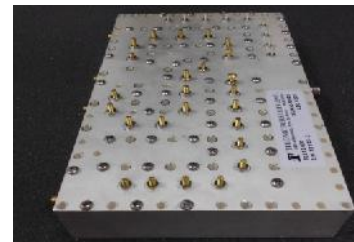
**Waveguide Filters**

- **Highpass; Lowpass; Bandpass; Bandstop; Diplexer; Mux & Hybrid**
- Frequency Range: 2 GHz to 40 GHz
- Bandwidth: 1% to 35%
- Surface Mount / Connectorized
- Package options available
- Applications: Base Stations, Defense, Space Level & Commercial
- High Power / High Performance Design



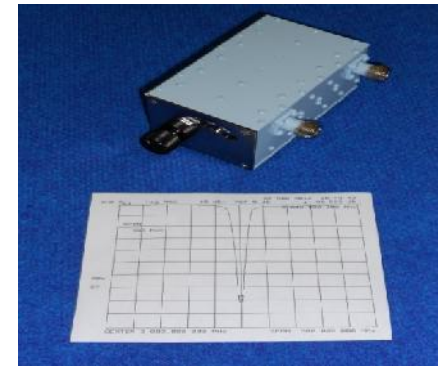
**Multiplexers**

- **Diplexer; Mux**
- Frequency Range: 10 MHz to 20 GHz
- No. of Ports: 1 IN and 2 OUT through 1IN and 7 OUT
- Surface Mount / Connectorized
- Package options available
- Applications: IED Jammers, NGJ
- High Power: 200 W



**Tunable Band Reject Filters**

- **Manually Tunable Band Reject (Stop) Filters**
- Frequency Range: 8 Mhz to 6 GHz (1 Octave Model)
- Manually Octave Tuning Ranges
- 0.1% Notch Bandwidth
- High Power / High Performance Cavity Design



**Tunable Band Pass Filters**

- **Manually & Digitally Tunable Bandpass Filter; Digitally Tunable Filter Bank**
- Frequency Range: 8 Mhz to 6 GHz (1 Octave Model)
- Manually or Digitally Controlled / Octave Tuning Ranges
- GPIB (IEE-488) Standard Remote Interface, RS-232 / RS-422 or BCD command
- High Power / High Performance Cavity Design
- Drive Voltages: 24 VDC (std) / Input Voltages: 110/220 VAC



**Attenuators**

- **Rotary Step; Programmable, & Custom**
- Frequency Range: Up ton 2 GHz
- Attenuator Ranges: 0-11dB, 0-70 dB, 0-110 dB
- Sub-Miniature, Miniature Programmable, Bench Mount, Tandem Mounted



**Cable Filters**

- **Lowpass; Bandpass & Highpass**
- Frequency Range: 10 MHz to 18 GHz
- Size: 0.175 Diameter
- Connectorized Package
- Applications: Systems where there is no room for other filters



**Cellular & Wireless Filters**

- **Cellular & Wireless**
- Surface Mount for PC Boards
- Surface Mount for Pin Configuration
- Drop-in Configuration
- Surface Mount with Tabs
- Applications: CDMA, GSM, ISM, GPS



**Frequency Multipliers**

- **Multiplier**
- Multiplication Factors: X2 through X96
- Applications: Active & Passive Networks, Integrated Amplifiers



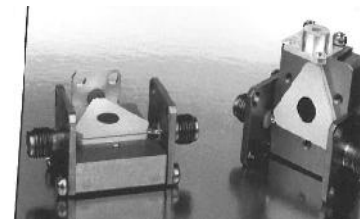
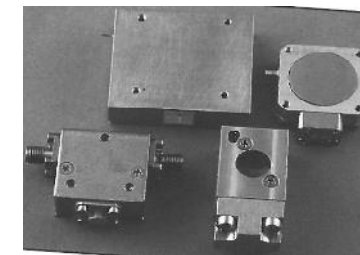
**Coaxial Switches**

- **SPDT –SP12T & Transfer**
- Frequency Range: DC to 26.5 GHz
- Failsafe Latching & High Power
- Surface Mount / Connectorized
- Package options available
- Applications: Broadcast, SATCOM, telecommunications, Defense, IED Jammers, Space Level & Commercial



**Ferrite Devices**

- **Isolators & Circulators**
- Frequency Range: 10 GHz to 20 GHz
- High Power
- Connectorized Package, Surface Mount & Drop-In
- Applications: High Power, Defense, & Commercial



**Ceramic Filters**

- **Bandpass**
- Frequency Range: 1 GHz to 3 GHz
- Bandwidth: 2 to 10%
- Surface Mount
- Package options available
- Applications: Base Stations, Defense & Commercial

