### PRODUCT LIST/NOMENCLATURE

#### AMPLIFIERS (Up to 110 Ghz)
- **Gain Modules**
- **Broadband Low Noise**
- **Broadband Med. Power**
- **Broadband High Power**
- **Narrowband Low Noise**
- **Narrowband Med. Power**
- **Narrowband High Power**
- **Limiting Amplifiers**
- **Gain Control Amplifiers**
- **Temp. Control Amplifiers**
- **Gain/Slope Control Amplifiers**
- **DLVA**

#### FREQUENCY MULTIPLIERS
- **Full Band Network Analyzer Extenders**
- **Full Band Frequency Extenders**

#### FREQUENCY DIVIDERS
- **CDV**

#### FREQUENCY COMBINERS
- **CCF**

#### FREQUENCY CONVERTERS
- **Down Converters**
- **Up Converters**
- **Subharmonic Pumped Up-converters**

#### ANTENNAS
- **Rectangular Gain Horn**
- **Double-Rided Gain Horn**
- **Circular Gain Horn**
- **Microstrip Antenna**
- **Planar Antenna**
- **Wide Angle Scalar Feed Horn**
- **Scalar Feed Horn**
- **Orthomode Transducer**
- **Horn Lens Antennas**
- **Prime Focus Parabolic Antennas**
- **Casse Grain Antennas**
- **Circular Polarizer**
- **Linear-Circular Switchable Polar.**
- **Farraday Fixed Polarizer**
- **Farraday Switchable Polarizer**
- **Faraday Programmable Polarizer**
- **Parabolic Grid Antenna**

#### COUPLERS PRODUCTS
- **Directional Couplers**
- **Cross Guide Couplers**
- **Magic Tee**
- **Bidirectional Couplers**
- **Power Samplers**
- **Hybrid Couplers**
- **Dual Direction Couplers**
- **Waveguide Cross Guide Block Couplers**

#### FERRITE
- **Differential φ-shift Circulators**
- **High Power Resonance Isolators**
- **T-Type Circulators**
- **Double Junction Circulators**
- **Junction Isolators**

#### ISO-adapters
- **Microstrip Isolators**
- **Microstrip Circulators**

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*CERNEX, Inc.* 1710 Zanker Road, Suite 103, San Jose, CA 95112 Tel. (408) 541-9226 Fax (408) 541-9229 03/19
### FILTERS & DIPLEXERS
- Lowpass: CLF
- Bandpass: CBF
- Highpass: CHF

### OSCILLATORS & NOISE SOURCES
- Mech. Tuned Gunn Osc.: CMG
- Varactor Tuned Gunn Osc.: CVG
- Bias Tuned Gunn Osc.: CBG
- DRO: CDO
- PLO: CPO
- VCO: CVO
- Full Band Noise Sources: CNS
- Full Band Noise Figure and Gain Test Extenders: CNF
- Wide Tuning Bandwidth: CMGW
- Mechanical Gunn Osc.: CMGL

### SWITCHES
- SPST Switch: C1T
- SPDT Switch: C2T
- SPTT Switch: C3T
- SPR Switch: C4T
- Rotary Switch: CRT
- Two Position Solenoid Switch: CTP
- Mechanical Switch (Electro-Mech.): CSM
- Polarization Switches: CZS
- Mechanical Waveguide Switches: CWS
- Coaxial Switches: CTC

### PHASE SHIFTERS
- Phase Shifters: CPS
- Motorized Rotary Vane Phase Shifter: CMP
- Ferrite Phase Shifters: CFS
- Micrometer Cal. Phase Shifters: CMS
- Direct Reading Phase Shifters: CDS
- Digital Phase Shifters: CSD
- Differential Phase shifters: CDD

### TRANSITION & ADAPTERS
- Waveguide to Waveguide Transition: CWW

### WAVEGUIDE PRODUCTS
- Waveguide Section: CSS
- Waveguide Section ( Block ) : CSSB
- Circular Waveguide Section: CSSC
- Waveguide Twist: CTS
- Waveguide E/H Bends: CWB
- Waveguide E/H Bends ( Block ) : CWBB
- Waveguide Short: CAS
- Adjustable Waveguide Short: CASW
- Rotary Joint: CRJ
- Frequency Meters: CMF
- Direct Reading Freq. Meters: CDM
- Hybrid Tees: CHT
- E & H Plane Series Tees: CTE
- Single Hybrid Ring: CHR
- E/H Plane Tuners: CPT
- 90 degree Hybrid: CBH
- Circular Waveguide Section: CCS
- 3dB Short Slot hybrid: CSH
- Waveguide Flanges: CWR
- Flexible/Twistable Waveguide: CFT
- Flexible Waveguide: CFW
- Seamless Waveguide: CFWS
- Power Sampler: CPR
- Waveguide Tuner: CWT
- Waveguide Combiner: CCW
- Elliptic Waveguide: CEW
- Pressure Windows: CPW
- Power Sensor: CPWS
- Waveguide Open: COW
- Waveguide Short: CSW
- Waveguide Pressure Inlet: CPI

### TERMINATIONS
- Coaxial Load: CCL
- High Power Load Termination: CWL
- Sliding Matched Termination: CST
- DC Block: CDB
- Chip Power Termination: CSL
- Flange Termination: CFL
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