



PRODUCT LIST/NOMENCLATURE

AMPLIFIERS (Up to 110 Ghz)

Gain Modules	CGM
Broadband Low Noise	CBL
Broadband Med. Power	CBM
Broadband High Power	CBP
Narrowband Low Noise	CNL
Narrowband Med. Power	CNM
Narrowband High Power	CNP
Limiting Amplifiers	CLA
Gain Control Amplifiers	CGC
Temp. Control Amplifiers	CTA
Gain/Temp. Control Amplifiers	CGT
Gain Slope Amplifiers	CGS
DLVA	CDL

FREQUENCY MULTIPLIERS

Full Band Network Analyzer Extenders	CFM
Full Band Frequency Extenders	CNE
	CFE

FREQUENCY DIVIDERS

CDV

FREQUENCY COMBINERS

CCF

FREQUENCY CONVERTERS

Down Converters	CDN
Up Converters	CUP
Subharmonic Pumped Up-converters	CSUP

ANTENNAS

Rectangular Gain Horn	CRA
Circular Gain Horn	CCA
Microstrip Antenna	CMA
Planar Antenna	CPA
Wide Angle Scalar Feed Horn	CWA
Scalar Feed Horn	CFH
Orthomode Transducer	COT
Horn Lens Antennas	CHA
Prime Focus Parabolic Antennas	CPF
Casse Grain Antennas	CCG
Circular Polarizer	CCP
Linear-Circular Switchable Polar.	CLP
Farraday Fixed Polarizer	CFP
Farraday Switchable Polarizer	CSP
Faraday Programmable Polarizer	CPP
Parabolic Grid Antenna	CPG

Parabolic Antenna	CPB
GPS Antenna	CGP
Patch Antenna	CAP
Omni Directional	COD
Sectorial Horn Antennas	CSHA
Hybrid Polarizer	CHP
Corrugated Antenna	CGA
Patch Antenna (Microstrip) for Speed Sensor Heads	CAPS
Microstrip Patch Array Antennas	CAPA
Omni Directional Antennas	CODA
Cosecant Square Antenna	CCSA

COUPLERS PRODUCTS

Directional Couplers	CDC
Cross Guide Couplers	CCC
Magic Tee	CMT
Bidirectional Couplers	CBC
Power Samplers	CPR
Hybrid Couplers	CHC
Dual Direction Couplers	CDDC
Waveguide Cross Guide Block Couplers	CCCB

FERRITE

Differential ϕ -shift Circulators	CPC
High Power Resonance Isolators	CRI
T-Type Circulators	CTC
Double Junction Circulators	CDJ
Junction Circulators (Include K & Ka Full-Band)	CJC
Junction Isolators (Include K & Ka Full-Band)	CJI
Fullband Isolators	CFI
Fullband Circulators	CFC
Drop-in Isolators	CID
Drop-in Circulators	CCD
Full Band Ferraday Isolators	CFF
Coaxial Isolators	COI
Coaxial Circulators	COC
High Power Coaxial Circulators	COH
High power Waveguide Circulators	CWC
High Power Waveguide Isolators	CWI
Iso-adapters	CIA
Microstrip isolators	CMI
Microstrip Circulators	CCM
SMT Isolators/Circulators	CSI/CSC



FILTERS & DIPLEXERS

Lowpass	CLF
Bandpass	CBF
Highpass	CHF

FILTERS & DIPLEXERS

Image Rejection	CIF
Diplexers	CDF
Triplexers	CTF
Switch Filter Banks	CSB
Notch Filters	CSF

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 Mechanical Gunn Osc.	CMGW
Low Cost Gunn Osc.	CMGL

SWITCHES

SPST Switch	C1T
SPDT Switch	C2T
SPTT Switch	C3T
SP4T 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
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Waveguide to Coax	CWK
Rectangular to Circular	CRC
Tapered Mode	CTM
Flange Adapter	CWF
Coaxial Adapters	

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	CSW
Adjustable Waveguide Short	CAS
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
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



MIXERS

Balance Mixers	CMB
Harmonics Mixers	CHM
Image Rejection Mixers	CRM
I/Q Mixers	CQM
Quadrature Mixers and Phase Detectors	CQMP
Subharmonic Pumped Mixers	CSHM

ATTENUATORS

Fixed Setting Attenuators	CFA
Level Set Attenuators	CSA
Micrometer Cal. Attenuators	CMC
Direct Reading Precision Attenuator	CDA
Pin Diode Attenuator	CPD
Programmable Rotary Attenuator	CRV
Voltage Controlled Attenuators	CVA
Digital Controlled Attenuators	CAD
Step Attenuators	CAT
Chip Power Attenuators	CFAS
Flange Power Attenuators	CFAF
Rotary Step Attenuators	CSAR
Push Button Step Attenuators	CSAP
Toggle Switch Step Attenuators	CSAT

RESISTORS

Chip Power Resistors	CRS
Flange Power Resistors	CRF

DETECTORS

Finline Detectors	CFD
Balanced Phase Detector	CBD
Amplitude Detector	CMD

SUBSYSTEMS

Subsystems	CSR
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POWER SUPPLY

Rack Mount Power Supply	CKPS
Single Channel Power Supply	CTPS
Single Channel Power Supply	CAPS
3-Channels Programmable Regulated DC Power Supply	CPPS

BIAS TEE	CBT
LIMITER	CLM

POWER COMBINER/DIVIDER	CDP
CABLE ASSEMBLIES	
VOLTAGE REGULATORS	CVR
EQUALIZER	CGE
SYNTHESIZER	CSY
PIN DIODE MODULATOR	CPM
TEST KITS	CKT
CALIBRATION KITS	CCK
VNA TEST CABLES	CVNA
MINI JACKS	CMJ
RECEIVER SUB-ASSEMBLIES AND MODULES	CRX
TRANSMITTER SUB-ASSEMBLIES AND MODULES	CTX
TRANSCEIVER SUB-ASSEMBLIES AND MODULES	CTR
RF FEEDTHRU	CFE