

CERNEX, Inc. & CernexWave

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 Ampl.	CTA
Gain/Temp. Control Ampl.	CGT
Gain Slope Amplifiers	CGS
DLVA	CDL

FREQUENCY MULTIPLIERS

Full Band Networ Analyzer	CFM
Extenders	CNE
Full Band Frequency Extenders	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
Double-Ridged Horn Antenna	CRAD
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
Casserein 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

ANTENNAS

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
Microstrip isolators(SMT)	CMIS
Microstrip Circulators(SMT)	CCMS
S.M. Isolators/Circulators	CSI/CSC

FILTERS & DIPLEXERS

Lowpass	CLF
Bandpass	CBF
Highpass	CHF
Image Rejection	CIF

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ATTENUATORS

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	CATR
Push Button Step Attenuators	CATP
Toggle Switch Step Attenuators	CATT

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
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BIAS TEE

CBT

LIMITER

CLM

POWER COMBINER/DIVIDER

CDP

SURFACE MOUNT POWER DIVIDER

CDPS

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

CRX

AND MODULES

TRANSMITTER SUB-ASSEMBLIES

CTX

AND MODULES

TRANSCIVER SUB-ASSEMBLIES

CTR

AND MODULES

RF FEEDTHRU

CFE