

HIGH FREQUENCY

ELECTRONICS

AMPLIFIERS UP TO 110GHz
FREQUENCY MULTIPLIERS/DIVIDERS
(UP TO 100GHz)

CONVERTERS UP TO 110GHz
ANTENNAS UP TO 220GHz

COUPLERS UP TO 220GHz
FERRITE PRODUCTS
(ISOLATORS/CIRCULATORS)
UP TO 160GHz

FILTERS/DIPLEXERS
SOURCES UP TO 160GHz

SWITCHES UP TO 160GHz
PHASESHIFTERS UP TO 160GHz



TRANSITIONS/ADAPTERS (UP TO 325GHz)
WAVEGUIDE PRODUCTS UP TO 325GHz

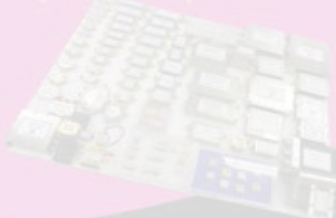
TERMINATIONS/LOADS UP TO 160GHz
MIXERS (UP TO 110GHz)

ATTENUATORS (UP TO 160GHz)
DETECTORS (UP TO 160GHz)

LIMITERS (UP TO 160GHz)
BLAS TEE (UP TO 100GHz)

POWER COMBINERS/DIVIDERS EQUALIZERS

CABLES
ASSEMBLIES/CONNECTORS (UP TO 100GHz)
SUB-SYSTEMS (UP TO 100GHz)



Add: 766 San Aleso Avenue, Sunnyvale, CA 94085
Tel: (408) 541-9226 Fax: (408) 541-9229
www.cernex.com cernex@cernex.com

Get info at www.HFeLink.com

CRYSTAL OSCILLATORS
IN THE FORM OF THROUGH HOLE
DIP OR SMD PACKAGE

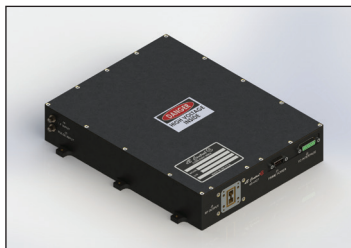
Crystek
crystek.com



Connectors

Emerson Network Power introduced the Johnson™ line of coax connectors, SMPM ideal for applications such as radar, satellite, high density packaging, and require higher frequencies up to 65 GHz. These subminiature connectors feature a push-on style micro interface that is 35 percent smaller than our SMP design. The SMPM bullet adapter provides the same blind mate functionality as the larger SMP connectors.

Emerson Network Power
emersonconnectivity.com



MPM

The dB-4127 is a microwave power module (MPM) operating in the frequency range of 6 to 18 GHz. This MPM is a power amplifier that provides 200 Watts pulsed/CW RF output power. The RF signal path consists of a solid state amplifier and a vacuum power booster. The power supply topology uses proprietary low-noise, high-efficiency designs to operate the RF signal path.

dB Control
dbcontrol.com

Timing Reference

The DROR-II is a 10MHz/5MHz/1PPS GPS-Disciplined Atomic Frequency and Timing Reference (GPSDO). It is a ruggedized reference with a Cesium Vapor Atomic Oscillator followed by a precision SC-cut Crystal Double-Oven Oscillator and an actively vibration-compensated VCXO oscillator, with specific emphasis on ultra-low phase noise performance.

Jackson Labs Technologies
jackson-labs.com



Filters

ES Microwave's wideband bandpass/highpass filters feature: Frequency Range: DC to 40 GHz; Passband: DC to 40 GHz (or any segment thereof); Insertion Loss: 1.0 dB Typical within Passband; Rejection/Isolation: 55 dB minimum; VSWR: 2:1 max.; Connectors: SMA; Selectivity: from N = 3 to N = 15 Pseudo Elliptic Response; Size: miniature; Low Profile.

ES Microwave
esmicrowave.com



Diplexer

Microlab Hybrid Combiners are known for their low PIM, low loss, and high isolation which make them ideal for efficiently combining RF signals particularly in active and passive DAS deployments. The CM-20 is an integrated 4 x 2 hybrid