RADITEK SOLUTIONS

RADITEK specializes in Design, Development, Manufacturing of "HIGH VOLUME / LOWEST COST" Wireless and Microwave Components and Sub Assemblies

Cellular / UMTS / 3G / PCS Base Station – Military – RFID – Broadband - Wi-Fi – WiMax - Wireless

Cavity Filters and Diplexers Model shown is a filter designed to meet out of band emissions for 2.3-2.4GHz Wi-Max transmissions

Weatherproof 2 way Splitter Combiner. To connect a mast top Antenna to two Transceivers. (HOT STANDBY) Either an equal split or at a 3:1 ratio

Ku-Band Micra-BUC, GaN Block-Up-Converter 16, 20, 25, 40 and (50 Psat) Watts, ODU, 1+1 Redundancy Unit Optional

High power couplers Low insertion loss, and low VSWR. This is a Cellular 30 dB coupler designed for monitoring HP PA

Ultrqa low IMD Isolators and Circulators <-90dBc (2x 30Watt) Typical. Unbeatable performance at an unbeatable price.

Duplexer, GSM Band 880-960MHz SMT. Bandwidth of 25 MHz, in band insertion loss of 3.5dB and rejection of 50dB. a cost effective solution.

Microstrip Isolators and Circulators to 150GHz. Thin Film, Gold on Copper, many form factors, With and without Carrier

Lumped Element SMT Isolator 5mm, 7mm, 19 specific frequencies ranging from 800 to 2500MHz., Covers all cell and PCS Bands

Wide Band Coaxial Isolators and Circulators ie 500-1000MHz, 800-2000MHz and octave bands to18GHz, Also 1.5 octave and Peripheral Model

Stripline Isolators and Circulators 700-3500MHz coverage, 300W Forward power, 110W reverse power, load and 20 / 30 dB Attenuator models

Waveguide Isolators and Circulators to 200GHz Many Form Factors. And Flange types available

Saw Filters, GSM PCS Etc SMT 3mm square excellent for cell phone use and many other applications. very sharp slope responses

DRO, PLDRO EXTERNAL and INTERNAL Reference, 1 - 42GHz

XO, VCXO, TCXO, CXO, OCXO SMT and others available

Stripline Isolators’ and Circulators 400 MHz 100W

Filters Ceramic: LP, HP, BPF, Diplexer
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Microstrip RDKC 4 hole Circulator
2-36 GHz , to 24% bandwidth, 0.25W to 25W
Drop-in replacements for FDK and TDK etc.

Microstrip RADI 2 hole Isolator
27-45 GHz , 1-4GHz Bandwidth, 0.5-2 Watts, RADI-29-31-MS-0.5WR
Dimensions: 5x11x4.3mm

Microstrip RADC MS Circulator
MS21 & MS31 17-43GHz 1-4 GHz Bandwidth, 2 Watts

Microstrip RDKF 2 hole Isolator
2-36 GHz , up to 24% bandwidth, 0.25W to 25W
Drop-in replacements for FDK and TDK etc.

Microstrip RADC MSS Circulator
High Power C-Band 5.2-5.95 GHz, 20 Watts.
RADC-5.2-5.95-MSS-20WR-HP2-b
Dimensions: 12x12x3mm

Microstrip RADI MSS Isolator
Metal Backed Substrate on Carrier
2.0-55GHz 0.25-20W
RADI-19-21-MSSM-1WR
Dimensions: 5x7x4mm

Microstrip RADI MSSM Isolator
Metal Backed Substrate on Carrier
2.0-55GHz 0.25-20W
RADI-19-21-MSSM-1WR
Dimensions: 5x7x4mm

Microstrip Circulator Substrate only
17.2-18.2 GHz (left) and 54-78 GHz
RADI-29-31-MSS-0.5WR
Dimensions: 5x7x4mm

High volume Stripline isolator and circulator. Low loss IMT2000 band model shown

Wide Band 26.5-40 GHz Isolators
K(2.9) or Optional 2.4mm Connectors.
Dimensions: 56.7x 31.75x19.05mm

Narrow Band 17-40 GHz Circulators
5% Bandwidth Standard, K(2.9)
Connectors: Dimensions with out Connectors: 8.0x18.0x16.4mm

High power Lumped Element Isolator
LL1 for DIGITAL TV
Band 1, 49-88 MHz, SMA Connectors, 100 Watts 6 MHz Bandwidth. Also LL2 Band 3.

Synthesized PLO - RSPLO - 5-26GHz
External Reference ER100M or ER10-90M (in 10MHz increments), Internal Reference IR 1ppm (0.1ppm optional)

RTYO Series: YIG Tuned Oscillators
2 – 4, 4 – 6, 5 - 7, 6 - 8, and 8 - 10 GHz
Dimensions: (L) 36.0 x (W) 36.0 x (H) 25.0 mm

L to Ku-Band Block-Up-Converter
200W (P1dB) or 250W (Psat), ODU, Available in both standard and Extended Ku-Bands, 16x13x10.7 In.

YIG Tuned Band-pass Filter
YIG based 2 to 6 GHz, Superior 200 MHz pass band, compact 1.4 inch cubic housing

M1 Raditek Solutions
For more information and quote, please CONTACT our sales directly at: 02/26/14

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