

A Leading 5G Service Provider



Comprehensive
Design Solutions
RF/Microwave & mmWave

Taiwan 2024

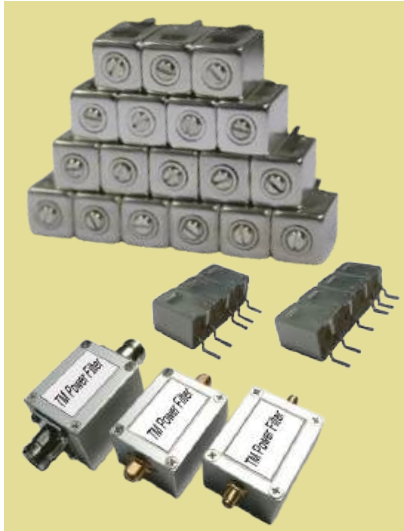
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SHOPLINE

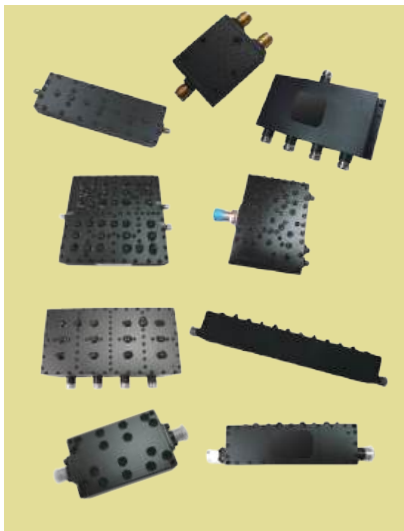


Your Best RF/Microwave & mmWave Source



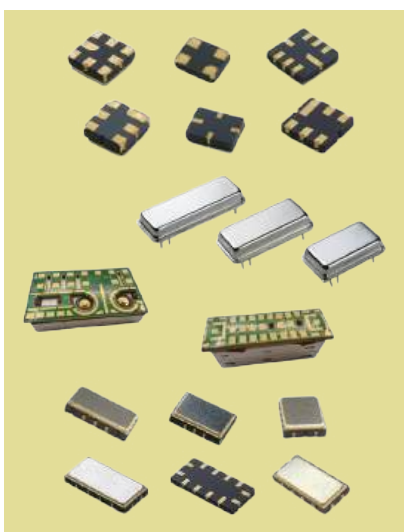
Helical Filter

- Tunable, Band-Pass
- 2 sections to 6 sections
- 42MHz to 2600MHz
- 3dB Bandwidth 2MHz to 200MHz
- Package: DIP / SMD / Connector
- Temperature support up to -35°C to +85°C
- Power 10W+
- High "O", Flat Ripple
- Toko, Sumida & Murata replacement *PIN to PIN
- **Now SMD is available!**



Cavity Filter

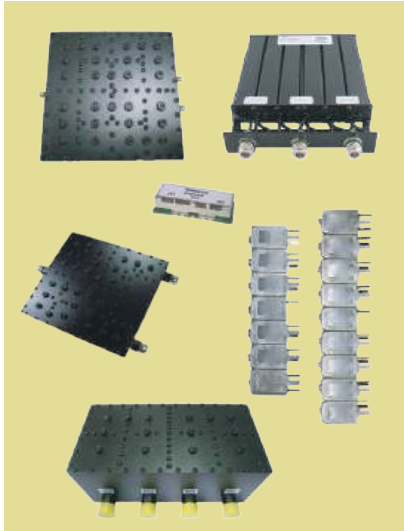
- Band-Pass, Band-Stop (Notch), High-Pass, Low-Pass
- DC to 70GHz
- Connector & Needle (can be mounted like surface mounted type)
- Power 200W+
- Low PIM & Water Resist (IP66, IP67)
- High "O", Low Loss
- Interdigital, Suspended Stripline, Comb & LC, Waveguide



SMD Filter

- Ceramic/ dielectric / LC/ SAW/ BAW/ Helical **new!**
- DC to 50GHz
- Band-Pass, Band-Stop (Notch), High-Pass, Low-Pass
- Power 20W+
- Toko & Murata replacement *455kHz & 10.7MHz
- Single pole Resonator
- BAW filter replacement <3G-8G>

Your Best RF & Microwave Source



Duplexer & Diplexer

- Connector, SMD, DIP
- DC to 40GHz
- Power 200W+
- Low PIM & Water Resist (IP66, IP67)
- Single & Dual Band Pass



Combiner & Splitter

- 2-way to 32-way
- 100MHz to 18GHz
- Power 10W+, 200W+
- Low PIM & Water Resist (IP66, IP67)
- DC-Block & Resistive DC-6GHz option



Obsolete Inductor & Coil Solutions

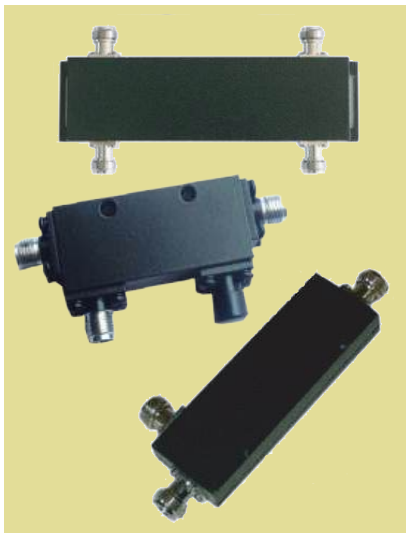
- Variable, Fixed
- SMD, DIP, Molded, Chip, Power
- 5mm, 7mm, 10mm, 12mm
- Toko (5CCE, FSDV, D10F, 5P, 7P, 7KLL, 5KM, 10K, etc)
- Sumida (CP55, CP-4L2, CPG, CMG, etc)
- Molded Coils, MC152

Your Best RF & Microwave Source



Isolator & Circulator

- Connector, Drop-in, SMD
- 10MHz to 110GHz
- Power up to 5kW peak



Coupler

- Directional & Hybrid
- Connector
- 500MHz to 18GHz
- Power 10W+, 200W+
- Low PIM & Water Resist (IP66, IP67)



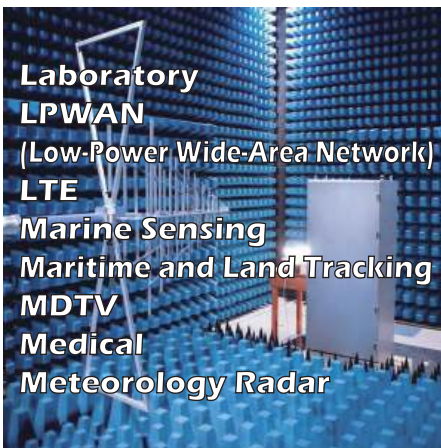
RF Amplifier & Repeater & Other accessories

- LCD Repeater
- RF Power Amplifier
- Cable: General & Low PIM
- Attenuator: Fixed & Step, DC to 4GHz, Power 100W+
- Tapper/ Termination

Markets & Applications



2 Way Radio
5G Application
Aircraft Communication
AIS
Amplifier
Antenna System
Aviation
Avionic Radio
Base Station



Laboratory
LPWAN
 (Low-Power Wide-Area Network)
LTE
Marine Sensing
Maritime and Land Tracking
MDTV
Medical
Meteorology Radar



RFID
Rural Broadband
Satellite Network
Satellite Terminals
Sensor
Space
STL
 (Studio Transmitter Link)
Sub-1G



Basic Scientific Research
Broadband Wireless
BTS
 (Base Transceiver Station)
CATV
CCTV / FCC / PAL Channel Filter
Communicaitons System
CPE
 (Customer Premise Equipment)



Military
MIMO System
Mining Leaky Feeder System
Mixer System
Mobile Communication
Móbile Jammer
Moible Network System
NB-IoT
 (NarrowBand IoT)



Survillance
Synchrotron Light Source
Telematics
Telemetry
Test Equipment
TETRA
Transceiver
Transmitter
Trucking System



DAB
 (Digital Audio Broadcasting)
D-CATV
DCS
 (Digital Cellular Service)
DECT
 (Digital-Enhanced Cordless Telecom)
Defense
Emergency Communication



P25 Portable Radio
PCBA controller
 (Printed Circuit Board / Assembly)
PCS Telephony
Point to Multipoint Radio
Point to Point
PPDR
 (Public Protection and Disaster Relief)
Public Safety



University
VOR / DME
VSAT
 (Very Small Aperture Terminal)
WCDM
White Band Space
Wi-Fi
Wireless MDS System
Wireless Microphone



Gateway
GPS/Cellular Base Station
GSM
Ham Radio
Immobilizer System in Automotive
Intercom
IoT
ITS
 (Intelligent Transport System)



Radar
Radar Jamming
Radio Astronomy
Radio Modem
Radio Remote Control
Railway Communication Equipment
Receiver
Repeater System
RF Accelerator



Wireless Modem
Wireless Security Alarm
Wireless Speaker
Wireless Telephone
WLAN

TEMWELL & TEMSTRON

TEMWELL Group is a leading provider of Microwave and Radio Frequency Filters Solutions in the field of Wireless Communications to steadily supply multi-markets in the world, such as 5G applications, Drone systems, Automatic vehicles, Aerospace, Military, Satellite, etc. Temwell Brand focus on designing and manufacturing all kinds of 5G RF Filters for more than 30 years. Temstron Brand gives the extended service of RF solutions source to fulfill effective and efficient global competence. Temwell Group with strong 5G RF filter design engineers and a stable supply team will continuously grow and improve through the cutting-edge R&D to achieve high satisfaction and success from all our customers.



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