

**WELCOME
TO**

RS MICROWAVE COMPANY, INC.


“We Duplicate what We Simulate.”™

RS Serving YOU!!

- Company Profile Page
- Product Line
- New Product Announcements
- Website with Search Feature
- On Line Catalog & QPL
- RFQ forms – Submit On line
- Technical Corner Articles
- Newsletters
- Quality Commitment

Company Profile

Founded in January 1981 with the mission of designing and producing high quality RF and Microwave filters

- Developed an approach to implementation of filter networks involving the **use of evanescent modes** of propagation that offered a good combination of size and insertion loss, not achievable with any other method current at the time.
- Since our founding, RS has developed:
 - unique **lumped element networks** with symmetrical response
 - **dielectric resonator designs** (1 MHz bandwidth with a center frequency of 8 GHz!)
 - **compact high power, low-loss notch filters**, the smallest possible multiplexers, wide passband and stopband filters combined with high power capability (1-4 GHz passband, stopband to 20 GHz, 1 KW operation)
 - **blind-mate filters** (as small as drop-in designs) for high isolation applications, Bessel-Thompson world standard filters (our OR series) for use in optical communication systems, and
 - a host of other unique products for system application including: **in-line bandpass filters** with finite transmission zeroes, **reduced size high power filters**, **wide band high power filters**, and other developments.
 - a series of **unique multimode filters** employing both waveguide and dielectric resonators, in a configuration allowing for pseudo-elliptic responses but with in-line physical configuration, coupled with high power operation and wide stopbands.

New Filter Topologies include the use of multiple waveguide modes, in “bypass” configurations, enhancing the in-line configurations with additional transmission zeros for very sharp rejection characteristics.

We are the Major Supplier of filters for the world-wide LINK-16 programs, a high power spread spectrum military communication link interfacing with TACAN, IFF, other data links, and other navigation/communication systems.

We are the Largest Supplier of High Power Notch Filters in the world; Major Supplier on MIDS, JTIDS, ASPJ, AESA, ALQ-172 LAMPS, ALR67 (ASR), Rapport III, SLQ32, GPN, SPS- 48, GBR, AMRAAM, SM-2, AEGIS, TTNT, F-22, F-35....

We utilize the latest computer-aided design techniques with standardized mechanical approaches to minimize size, cost, and delivery time while optimizing performance.

Approved to the AS9100 Quality System. All of our assembly and tests are in accordance with **MIL-STD-2000 or 2000A**. Our Assemblers are **certified to J-STD-1000**. Everyone in the company is **certified to ESD standards**.

Our manufacturing system is LEAN. We perform environmental testing on the majority of our products, including high power, temperature-altitude and leak resistance.

Our filters and multiplexers are on many of the U.S. government QPL or NSN lists as standard approved items.

***Our filter products have been under the sea, on the ground, in tanks, in fighters, bombers, missiles, and satellites.
We are considered “best of breed” in small size or high power.***

Product Line

Filters - 1 MHz to 50 GHz

High Power

Low Loss

Blind-Mate

Drop In

Dielectric Resonator

Notch Filters

Coax or Waveguide

Tunable, Higher Order Mode

Multiplexers - 1 MHz to 50 GHz

Contiguous

Non - Contiguous

Switched

Subsystems - 1 MHz to 26 GHz

Combinations, including:

Filters

Circulators

Amplifiers and Switches

Stars of the Line (Current)

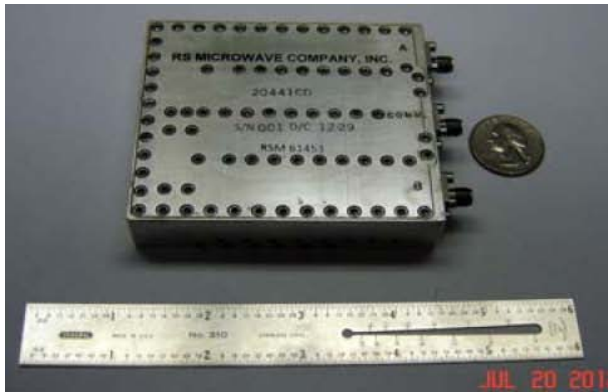


← PN 30281C-1,-2 unique K- and Ku-band filters with extremely narrow passband (less than 0.025%) and wide spurious free stopband (up to 50 GHz). Such a distinctive performance is accomplished by properly combining overmoded cavities with single-mode and evanescent mode cavities. RS Microwave manufacturing experience and technological expedients are crucial to obtain excellent mechanical and thermal stability for these innovative products implementing such extreme filtering functions.

→ P/N 53681C is a 5-channel multiplexer designed and built for satellite application. Rugged and light weight, it has 5 passbands covering UHF to S-band - a 10:1 frequency range; but, the concept is adaptable to applications allowing for additional channels of differing widths. The design combines evanescent mode filters and high Q-factor lumped components into a pseudo-elliptic complementary combining network, resulting in low-loss/high-isolation performance with wide, spurious-free stop bands and high power capability. The photograph shown illustrates an assembly incorporating two of these multiplexers in one package.



Stars of the Line (Recent)



← PN 20441CD Very low loss Ku-Band diplexer employing high Q-factor cavities with pseudo-elliptic response, yielding high channel isolation, maximum passband width & superior insertion loss performance.

→ Low Loss Triplexer P/N 20521CT - a very Compact & low loss triplexer suitable for data-link applications in L-, S-, and C-band. The spurious free stopband of this unit extends up to 16 GHz, so as to provide high isolation to other commonly used frequency channels in Ku-band (see our P/N 20441CD)

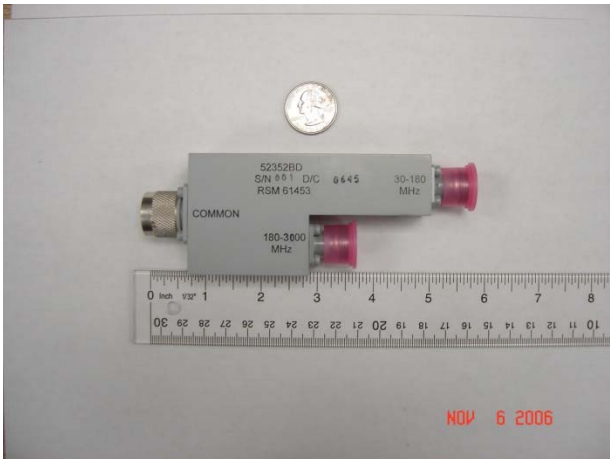


→ KW level Power Amplifiers in RF frequency range 10 MHz to 5 GHz.

← P/N 03331C series high power low loss filters with wide passband & wide stopband. Frequency spectrum 900 MHz – 18 GHz.



Stars of the Line: Continued



← Diplexer designed to combine 30 to 180 MHz with 180-3000 MHz (P/N 52352BD)

→ 91122A-1 Right-angle transition vers. of 60661A-3 JTIDS/MIDS HP bandpass filter

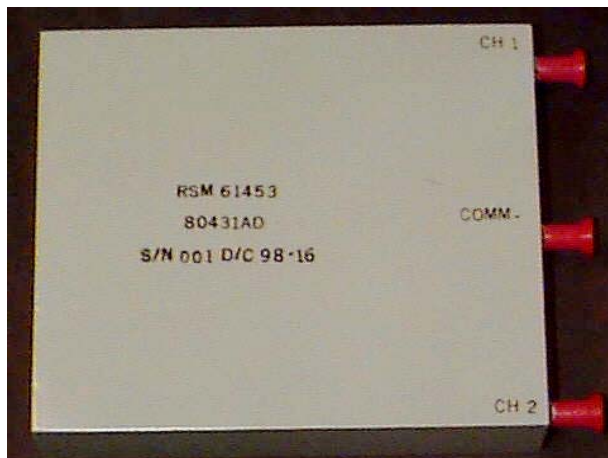


← SPS-49 Radar Band Rejection Filter (P/N 50822B-2)

→ Low-Loss High Rejection Bandstop (P/N 50151B-2)

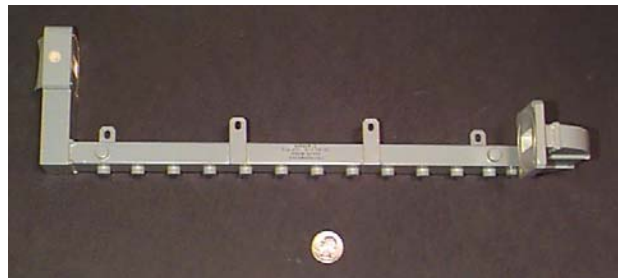


Stars of the Line: Continued



← Diplexer
PN 80431AD (4/98)

→ Diplexer/Combiner
P/N 80501AD3
(12/98)

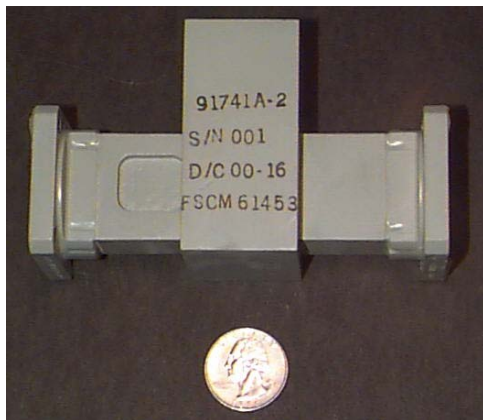


← Waveguide
Bandpass Filter
P/N 62021A-2
(3/99)

→ Diplexer GPS High
Power 80501AD1
(4/99)

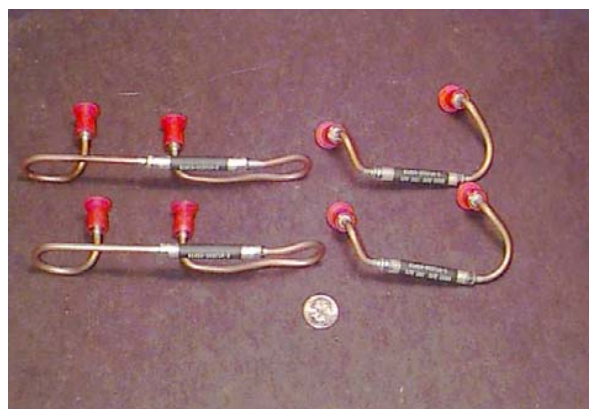
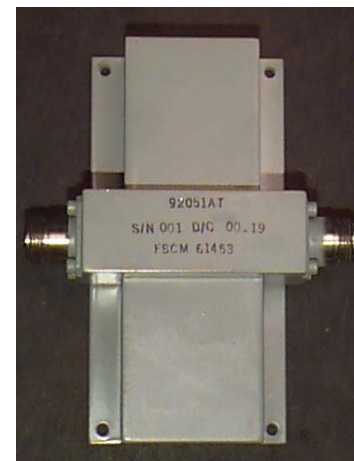


Stars of the Line: Continued



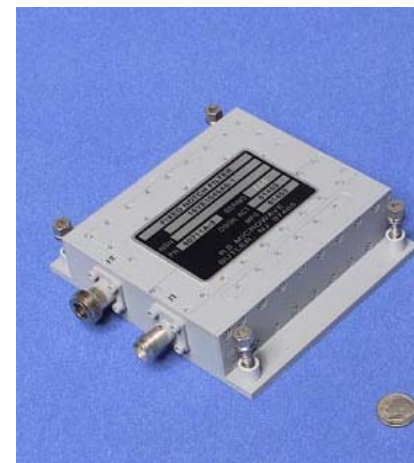
← Waveguide
Bandpass
Filter 91741A-2
(4/00)

→ GPS Dual
Triplexer 92051AT
(5/00)

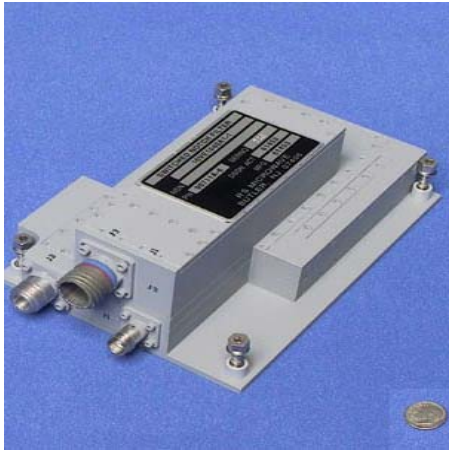


← Lowpass Cable
Filters P/Ns 90371A-1
& 2 (9/00)

→ Fixed Dual
Notch Filter P/N
90711A-3 (11/00)

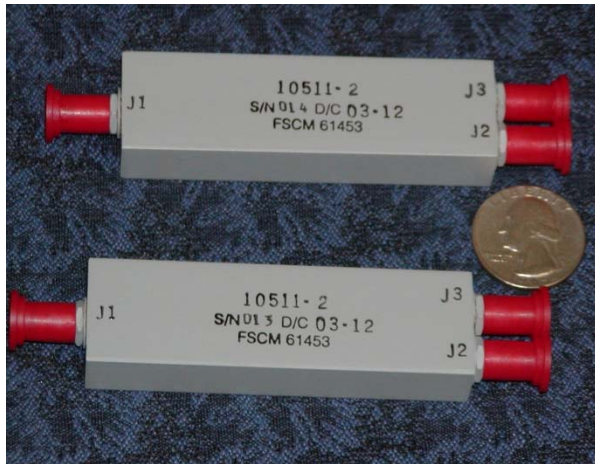
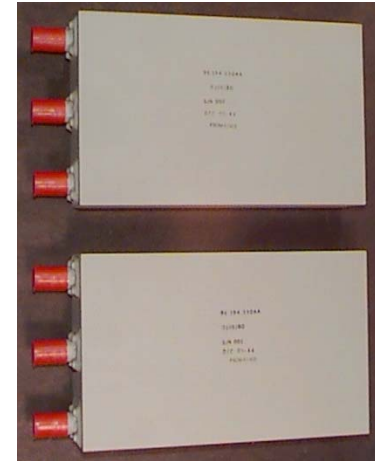


Stars of the Line: Continued



← Switched Dual Notch Filter PN 90711A-6 (8/01)

→ MIDS/JTIDS Diplexer 01091BD(11/01)

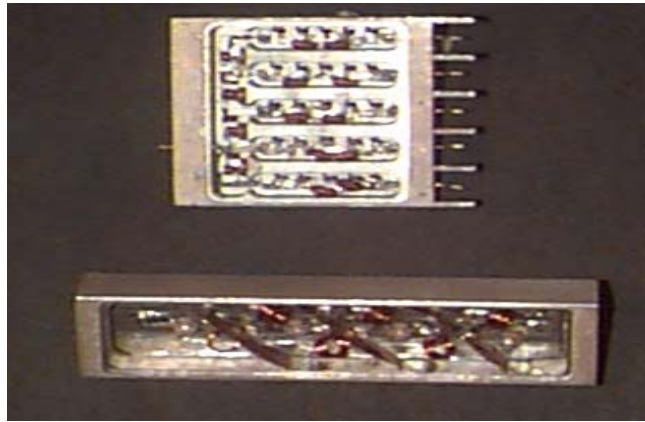


← Compact Diplexer PN10511-2 (3/26/03)

→ Low-Loss High Rejection Bandstop Filter 50151B (10/05)

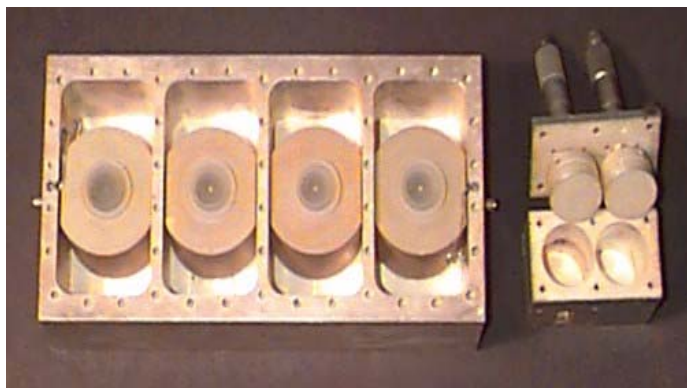
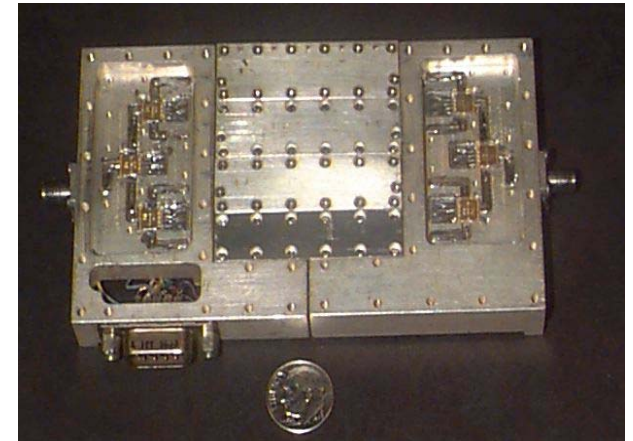


Our Stars (Traditional)



← Lumped Element & Printed Circuit Filters

→ Switched Filter with Blind Mate Connector
(P/N 61461a-3
4 channel)

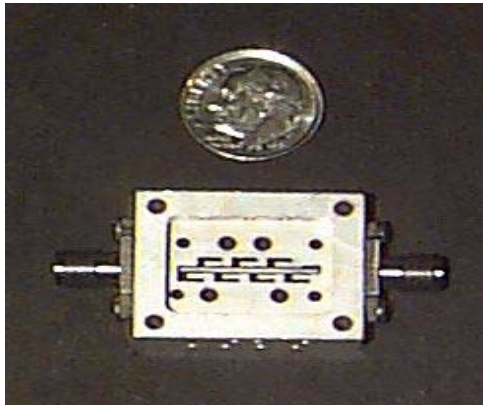


← Coupled Cavities

→ Dual Notch Filters
(JTIDS Program)

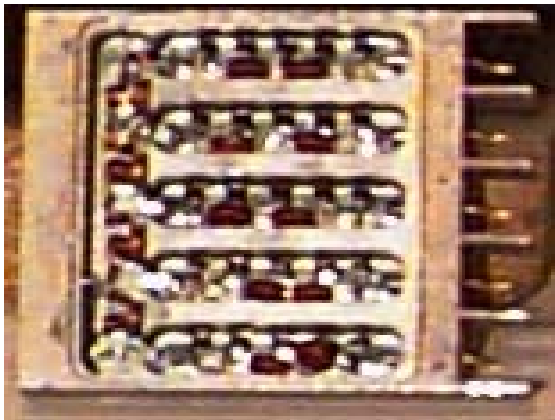
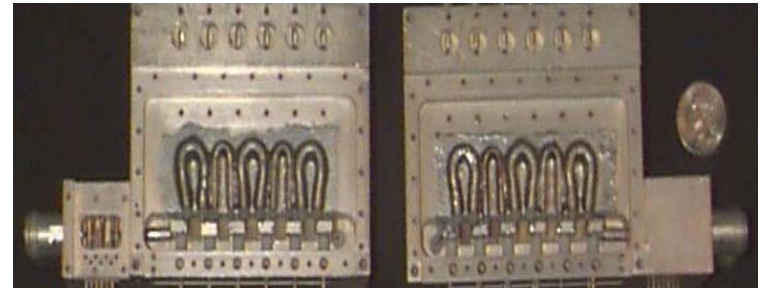


Our Stars (Traditional)



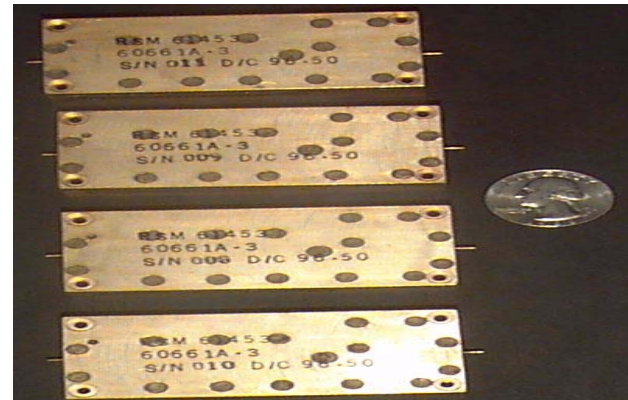
← 28 GHz Notch Filter (P/N 60733A-4)

→ High Power Compact Coaxial Notch Filter (P/N 22761-2F)



← Multiplexer

→ High Power Bandpass Filter MIDS/JTIDS (P/N 60661A-3)



New Product Announcements

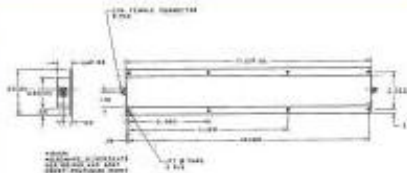
RS MICROWAVE COMPANY, INC.

"We Duplicate what We Simulate."

New Product Announcement



PIN 81703B-3



OUTLINE DRAWING

PIN 81703B-3

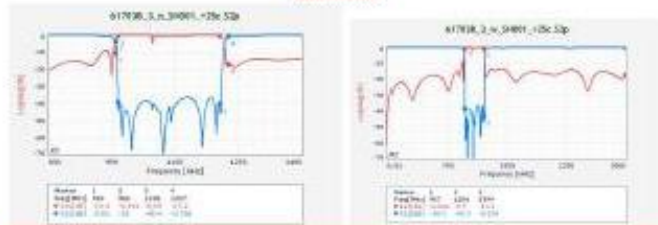
JTIDS/MIDS Band Rejection Filter

This PIN 81703B-3 is the latest in the RS Microwave Band Rejection filter designed for resolving occult interference problem with the JTIDS/MIDS Band. This filter has very steep transition slopes from passband to stopband (8 MHz is typical). The unit is constructed as an elliptic air-slub line design, achieving high unloaded Q, which minimizes the insertion loss while maximizing the stopband attenuation.

Specifications

- Pass Bands: DC - 880 MHz, 1227-3000 MHz
- Average Passband Loss: -1 dBs Max.
- 3dBs Passband outoff points: 880 and 1227 MHz
- Passband VSWR: 1.6 : 1 (Typical)
- Min. -36 dBc Rejections: 888 - 1208 MHz
- Power Limit: At least 60 W peak, 20 W Avg.
- Temperature Range: -30°C to +80 °C
- MIL Vibration, Shock, Humidity, Salt

TEST DATA



RS Microwave Company, Inc.
 2225 Rte 212
 Suite 212
 Parker, NJ 07645 USA
 11/2007

PHONE: 973-492-1267 FAX: 973-492-1471
 INTERNET: www.rsmicro.com
 EMAIL: queries@rsmicro.com

"We Duplicate what We Simulate."

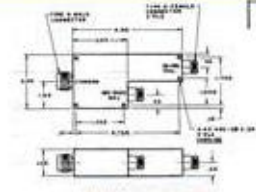
RS MICROWAVE COMPANY, INC.

"We Duplicate what We Simulate."

New Product Announcement



P/N 52352BD



OUTLINE DRAWING

P/N 52352BD: Diplexer

Part Number 52352BD is a diplexer designed to combine 30 to 180 MHz with 180-3000 MHz. The unit provides excellent isolation characteristics and is typical of highly-engineered RS Microwave filter and multiplexer products.

SPECIFICATIONS

Low Channel

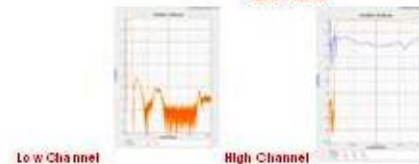
- Type: Bandpass Filter
- Minimum -4 dBc passband: 30-177 MHz
- Maximum loss from 177 to 183 MHz: -7 dB (crossover region)
- Maximum 2.3 dB loss: 30-170 MHz (1.0 dB typical)
- Maximum 1.7 VSWR: 30-177 MHz (1.5 VSWR typical)
- Maximum 2.0 VSWR: 177-3000 MHz
- Minimum -50 dBc rejection: 30-15, 220-500 MHz
- Minimum -55 dBc rejection: 550-3000 MHz

High Channel

- Type: High Pass Filter
- Minimum -4 dBc passband: 183-3000 MHz
- Maximum loss from 177 to 183 MHz: -7 dB (crossover region)
- Maximum 2.0 dB loss: 200-2300 MHz (0.75 dB typical)
- Maximum 2.5 dB loss: 2300-2750 MHz
- Maximum 3.5 dB loss: 2750-3000 MHz
- Maximum 4.5 dB loss: 2500-3000 MHz
- Maximum 1.7 VSWR: 200-2300 MHz (1.5 VSWR typical)
- Maximum 2.0 VSWR: 30-200 MHz, 2500-3000 MHz
- Minimum -50 dBc rejection: DC-150 MHz

Operating power level: At least +33dBm continuous
 Temperature range: -35 to +85 C
 Other environmental: Typical MIL (filter is gross leak sealed)

TEST DATA



Low Channel

High Channel

RS Microwave Company, Inc.
 2225 Rte 212
 Suite 212
 Parker, NJ 07645 USA
 11/2007

PHONE: 973-492-1267 FAX: 973-492-1471
 INTERNET: www.rsmicro.com
 EMAIL: queries@rsmicro.com

"We Duplicate what We Simulate."

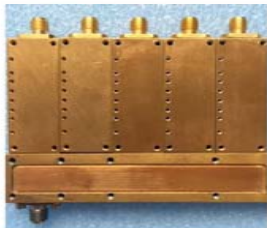
New Product Announcements



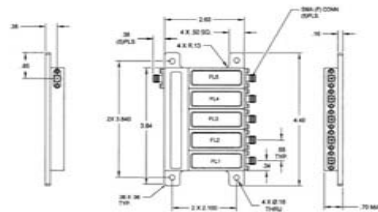
"We Duplicate what We Simulate."™

New Product Announcement

P/N 53681C



Outline Drawing



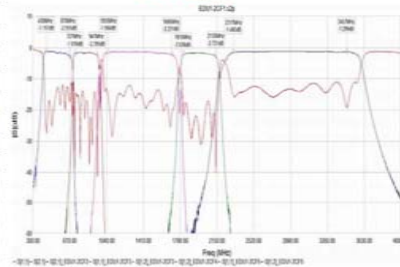
Multiplexer

P/N 53681C is a 5-channel multiplexer designed and built for satellite application. Rugged and light weight, it has 5 passbands covering UHF to S-band - a 10:1 frequency range; but, the concept is adaptable to applications allowing for additional channels of differing widths. The design combines evanescent mode filters and high Q-factor lumped components into a pseudo-elliptic complementary combining network, resulting in low-loss/high-isolation performance with wide, spurious-free stop bands and high power capability.

SPECIFICATIONS

| Channel | Parameter | Limit | Min | Max |
|-------------|---------------------|---------|------------|--------|
| 1 | Passband Freq | MHz | 430 | 670 |
| 2 | Passband Freq | MHz | 727.5 | 947.5 |
| 3 | Passband Freq | MHz | 1055 | 1695 |
| 4 | Passband Freq | MHz | 1815 | 2135 |
| 5 | Passband Freq | MHz | 2317.5 | 3457.5 |
| 1 - 5 | Passband IL | dB | | 3.0 |
| | Passband RL | dB | 9.5 | |
| | Rejection | dBc | 35 | |
| | Amplitude Flatness | dB p-p | | 0.5 |
| | Ampl Flat Stability | dB p-p | | 0.2 |
| | Phase Linearity | Deg p-p | | 8 |
| | Upper Stop Band | GHz | 12 | |
| | Vibration | Grms | 46.6 | |
| | Mech Shock/dur | G @ ms | 50 @ 0.3ms | |
| | Operating Temp | Deg C | -55 | +85 |
| Input power | W | | 25 | |

TEST DATA



RS Microwave Company, Inc.
22 Park Place
P.O. Box 273
Butler, NJ 07405 USA
8/20/2015

PHONE: 973-492-1207 FAX: 973-492-2471
INTERNET: www.rsmicro.com
EMAIL: queries@rsmicro.com

"We Duplicate what We Simulate."™

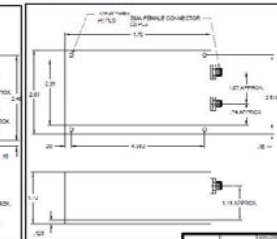
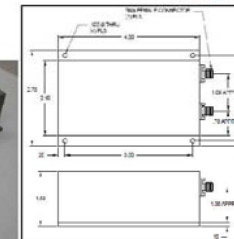


"We Duplicate what We Simulate."™

New Product Announcement

P/N 30281C-1, -2

OUTLINE DRAWINGS



30281C-1

30281C-2

Passband Filter

P/N 20521CTCD are P/N 30281C-1 and 30281C-2 are unique K- and Ku-band filters with extremely narrow passband (less than 0.025%) and wide spurious free stopband (up to 50 GHz). Such a distinctive performance is accomplished by properly combining overmoded cavities with single-mode and evanescent mode cavities. RS Microwave manufacturing experience and technological expedients are crucial to obtain excellent mechanical and thermal stability for these innovative products implementing such extreme filtering functions.

Specifications

| | 30281C-1 | 30281C-2 |
|-------------------------------|----------------------|----------------------|
| Center Frequency (F0) | 18.600 GHz | 15.350 GHz |
| Passband | F0 ± 0.0002 GHz | F0 ± 0.0002 GHz |
| Passband Insertion Loss | ≤ 8 dB (6.5 dB typ.) | ≤ 8 dB (5.5 dB typ.) |
| Passband Return Loss | ≥ 15 dB | ≥ 15 dB |
| Rejection Loss at | | |
| F0 ± 0.005 GHz | ≥ 5 dBc | ≥ 5 dBc |
| F0 ± 0.010 GHz | ≥ 20 dBc | ≥ 25 dBc |
| F0 ± 0.100 GHz (up to 50 GHz) | ≥ 50 dBc | ≥ 50 dBc |
| Operating Temperature | -20 to +65 °C | -20 to +65 °C |

RS Microwave Company, Inc.
22 Park Place
P.O. Box 273
Butler, NJ 07405 USA
9/25/2014

PHONE: 973-492-1207 FAX: 973-492-2471
INTERNET: www.rsmicro.com
EMAIL: queries@rsmicro.com

"We Duplicate what We Simulate."™

Using Our Website

<http://www.rsmicro.com>

Sales

- ▀ RFQ Form
- ▀ Representatives
- ▀ Product Availability

Technical Reading

Fall 2015

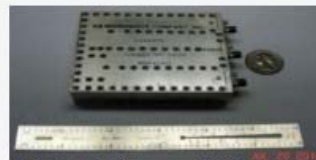
- ▀ Waveguide Filters Using Dielectric Resonators
- ▀ Discussion of Filter Techniques
- ▀ RSPLIT™ Simulator 2.32
- ▀ Technical Corner Archives

News

- ▀ 35 Year Retrospective
- ▀ Newsletter - Winter 2016
- ▀ Newsletter- Summer 2015
- ▀ IWS - SHANGHAI 2016
- ▀ RS Microwave Awardees at MTTs - IMS2012
- ▀ RSM Expands Test Capability

RS Microwave Company, Inc., founded in 1981, is an internationally respected leader in RF and microwave filter technology and production. Located in Butler, NJ approximately 25 miles from New York City, we are AS9100 Certified and specialize in the design and production of quality custom filters and multiplexers to aerospace and deep space applications using state-of-the-art CAD techniques. Many parts are on the Qualified Parts List (QPL).

**Filters, Multiplexers, Sub-Assemblies, and Power Amplifiers for the military market
1 MHz to 50 GHz, bandpass, notch, lowpass, highpass, and combinations
High power, small size, wide stop or pass bands and complex requirements our specialty**



[Ku-Band Diplexer: PN 20441CD](#)



[Passband Filters: PN 30281C-1, -2](#)



[Ridgeline™ Filters: PN 03331C-3, PN 03331C-4](#)



[5-Channel Multiplexer: PN 53681C](#)



[JTIDS / MIDS Band Rejection Filters and High Power Bandpass Filters](#)



[Bandstop Filters](#)

Last Updated on Friday, 01 April 2016 15:47
Hits: 371911

On Line Catalog

The screenshot shows the website for RS Microwave Company, Inc. The header features the company logo with the tagline "We Duplicate what We Simulate™" and a 35th anniversary badge (1981-2016). A search bar and a "Log in" button are also present. The navigation menu includes Home, Products, Company Information, Quality, Contact Us, and Related Sites. The main content area is titled "Product Catalog" and includes a "Print" link. On the left, there are three vertical sections: "Sales" with links for RFQ Form, Representatives, and Product Availability; "Technical Reading" with a "Fall 2015" sub-section containing links for Waveguide Filters, Filter Techniques, RSPlot™ Simulator 2.32, and Technical Corner Archives; and "News". The central "Contents" section lists various product categories with sub-links.

RS MICROWAVE COMPANY, INC.
We Duplicate what We Simulate™

1981 - 2016
35
YEARS OF
EXCELLENCE

Search... **SEARCH**

Log in

Home Products Company Information Quality Contact Us Related Sites

Product Catalog

| Print |

Sales

- RFQ Form
- Representatives
- Product Availability

Technical Reading

Fall 2015

- Waveguide Filters Using Dielectric Resonators
- Discussion of Filter Techniques
- RSPlot™ Simulator 2.32
- Technical Corner Archives

News

Contents

- [JTIDS/MIDS COMPONENTS](#)
- [BLIND MATE FILTER MODULES](#)
- [DISCUSSION OF FILTER TECHNIQUES](#)
- [Power Amplifiers](#)
- [COMMON CUSTOM LINES](#)
- [SPECIAL PRODUCTS](#)
- [NEWER ITEMS](#)
- [PRODUCT ANNOUNCEMENTS](#)
- [RS MICROWAVE Products in brief...](#)
 - [Filters - 1 MHz to 50 GHz](#)
 - [Multiplexers - 1 MHz to 40 GHz](#)
 - [Subsystems - 1 MHz to 26 GHz](#)

QPL (Qualified Parts List)

Updated Links to all Product Outline Drawings & Test Data ongoing as changes require

| FSC | NIIN | Item Name (Link to Outline Drawings) | RS Part No. (Links to Outline Drawing or Test Data) |
|------|-----------|---|--|
| 5915 | 011308250 | FILTER,BAND SUPPRESS | B4028140 |
| 5915 | 013742935 | FILTER,BANDPASS | SF2015 |
| 5985 | 014442309 | DUMMY LOAD, ELECTRIC | S83521-14 |
| 5985 | 014438771 | DUMMY LOAD, ELECTRIC | S83521-15 |
| 5985 | 014440825 | SWITCH,RADIO FREQ | S83521-5 |
| 5915 | 013634599 | FILTER,BANDPASS | 00353-1 |
| 5915 | 013634598 | FILTER,BANDPASS | 00353-2 |
| 5915 | 013634597 | FILTER,BANDPASS | 00581-4 |
| 5915 | 013637345 | FILTER,BANDPASS | 00581-5 |
| 5915 | 013637344 | FILTER,BANDPASS | 00581-6 |
| 5915 | 013637346 | FILTER,BANDPASS | 00581-7 |
| 5915 | 015222383 | FILTER,BANDPASS | 00801B-2 |

Use our On Line RFQ Form!

RFQ (Request for Quotation) Form

For specific order follow-up please Call 973-690-1207 x24
[Click Here for an Example Form](#)

Name:
Address:
Company:
E-Mail:

Filter Type

| | | | |
|--|--------------------------------------|--------------------------------------|------------------------------------|
| <input type="checkbox"/> Low Pass | <input type="checkbox"/> Diplexer | <input type="checkbox"/> Multiplexer | <input type="checkbox"/> High Pass |
| <input type="checkbox"/> Switched Filter | <input type="checkbox"/> Band Reject | <input type="checkbox"/> Bandpass | <input type="checkbox"/> Other |

Quantity:

Loss Limits:

Center Freq. (Hz): dB
Passband Att: dB
Passband Att: dB
Passband Att: dB

Frequency Limits (Use chart as guide)

f1:
f2:
f3:
f4:
f5:
Max VGWR in Pass Band:

Power Limits

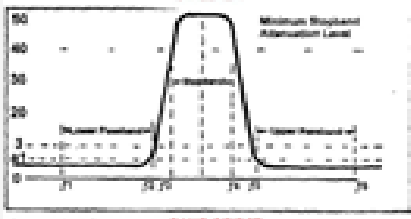
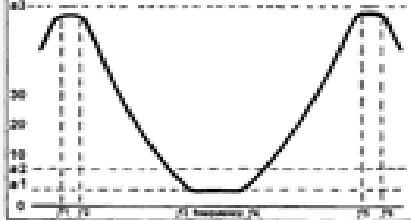
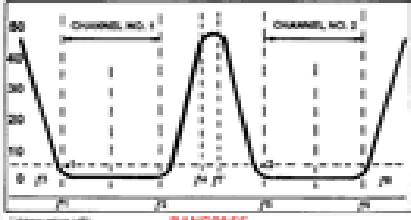
Average Power:
Peak Power:
Other Peak:

Physical

Max Length:
Max Width:
Connections:
Pin:

Environmental

Temp Range:
Humidity:
Vibration:
Shock:



Technical Articles

Technical Corner Archives

Details

| Date | Topic |
|-----------|--|
| Feb 2014 | Multipactor comes to RS Microwave |
| July 2013 | Advanced Evanescent Mode Filters Using Strongly Coupled Resonator Pairs |
| Feb 2013 | Inline Pseudoelliptic Dielectric Resonator Filters Using Multiple Evanescent Modes |
| Aug 2011 | Parallel Coupled Line and Inter-digital Filters with Unusually Broad Upper Stop Bandwidth |
| July 2011 | In-line Evanescent-mode Filter with Independent Transmission Zeros |
| Sept 2010 | Wide Pass-band, Wide Stop-band, High Power, Reduced Size, Bandpass Filter |
| Aug 2010 | Wide Pass-band, Wide Stop-band, High Power Bandpass Filter |
| Mar 2010 | Four-channel Broadband Multiplexer |
| Aug 2009 | Unique Waveguide Bandpass Filters with Wide Stop-bands |
| Sept 2008 | "Improving Temperature Stability of Resonators" |
| Nov 2007 | High Power Testing |
| Oct 2005 | Wide Pass-band, Wide Stop-band, High Power Band-stop Filters |
| May 2004 | RS PLOT™ to the Rescue! |
| Feb 2004 | Evanescent Mode Band-stop Filters |
| Feb 2003 | High-pass Filter Design Using Stepped Impedance Resonators |
| June 2000 | The 1030/1090 Notch Filter Story |
| Dec 1998 | Quasi-optimum Filters - A Series of Articles - Part 2 |
| Sep 1998 | Quasi-optimum Filters - A Series of Articles |
| Jul 1998 | Quasi-elliptic Notch Filters for AMPS/GSM Separation |
| May 1998 | Why You Should NOT Design Your Own Filter |
| Mar 1998 | Diplexer Design Using Cross Coupled Filters |
| Jan 1998 | GPS Two-pass-band Filter |
| Dec 1997 | Switched Filters |
| Nov 1997 | Multiplexers |
| Sept 1997 | Compensation of Filter-filter Interactions within Narrow Band Filter Assemblies: Application To Congested Spectrum Scenarios |
| Aug 1997 | Why Choose RS Microwave above the others? |
| June 1997 | Dielectric Resonator Filters with Resonated Cross Coupling |
| May 1997 | Using Resonated Couplings In Filters |
| Feb 1997 | Inverted Resonator Evanescent Mode Filters |
| Jan 1997 | Compact High Power Notch Filters |
| Dec 1997 | Simulating Leakage Effects in Lumped Element Filters |
| Nov 1996 | The Art of Simulation |
| Oct 1996 | Filter Subsystems |
| | Blind-mate Filters |

Company Newsletter

RS MICROWAVE COMPANY, INC.

Volume 18 Issue 1 "We Duplicate what We Simulate"TM Winter Issue

2016 at RS Celebrating 35 Years in Business

Happy Anniversary to Us!



A 35 Year Retrospective By Our President

"Do you fix microwaves"? Do you carry microwave carts? Those were the inquiries we got back in 1981. I would answer "No, we make microwave filters", and sometimes the reply was "No thanks, my filters are clean and we don't need one".

For those of you who remember, we occupied small offices in the back of the courtyard, which wasn't a courtyard then! The facilities were minimal compared to today's; and, then, there was the parking...! At that time, other buildings occupied the present courtyard area, the pavement did not exist, and the parking area was dirt and rocks. It was sometimes a bit treacherous, particularly after a big rain or snowstorm. We were all lucky to not get too many flat tires or broken shocks on our cars. It was great when they pulled down the biggest of the old buildings, paved the area, and gave us an opportunity to harvest the 130 year old bricks that formed the walls of the old building. People loaded their car trunks with those bricks to be used at home for patio walkways, walls and possibly for helping get traction in the snow and ice!

I had my own private entrance which required walking up a steel mesh staircase that was treacherously icy from time to time. When my middle daughter, Meredith, was about to be born, I ran out of the office, hit that steel mesh, and took a flying leap face down to the ground! I was a mess but survived, and was smart enough to get a covering for that mesh offering some traction. A bit late;



but, that's how we learned in the old days...by making mistakes and not repeating them.

We were not afraid to take chances, and fortunately, were right more often than wrong (or we would not be here today). We worked very long days, and often 7 per week. Believe it or not, Ralph, Gene and I were actually young. We kind of enjoyed the hard work, as we were actually developing and manufacturing filters that no one else had ever tried, and pretty successfully with both on-time delivery and good quality. We always focused on quality, even if we had to deliver slightly late but with confidence that once shipped, our parts would "stick" and would make for happy customers. To this day, we have kept that as the mantra for RS Microwave: "Give the customer what he wants, when he agrees to take it, and make 100% sure the parts are fully compliant when shipped".

We had some colorful and unusual characters as employees for sure at the outset, including (among others) one that camped on a ledge just outside the old machine shop window (until caught by the landlord) and an administrator who lived in a small hut on an island in one of the local reservoirs. However, we also always had a crew of wonderful, caring employees, with great enthusiasm and company

pride. To this day, we are blessed with employees with the same enthusiasm, pride and loyalty. Any future success we might have will be a function of being able to encourage such characteristics and recognize employees for their continuing contributions. I am very proud to have reached this 35 year milestone, and look forward to the next 5 years and reaching our 40th! Keep it up folks, I am proud of all of you!



Then & Now
Still smiling after all these years!!

Honors & Recognition from the Aviation Industry!

Following the recognition by Lockheed Martin in March 2015 for our 100% quality and delivery in 2014, we have continued to be recognized for outstanding performance by other customers! Late last summer, Boeing rewarded our performance excellence with a trophy proudly displayed in our awards case.



Our Filters Soar and Rewards Abound!

And last fall, we won the annual Northrup Grumman Supplier Excellence award for which we had been nominated in the summer.



Northrup Grumman Excellence Award

Dr. Snyder was honored to accept this prestigious award on behalf of the Company at a special ceremony in November. We could not be prouder to be celebrated as one of the very best performing companies in the country!

RS Microwave is Committed to Quality

Our Policy & Objectives:

- ◆ The management and employees of RS Microwave are dedicated to producing goods and providing services that meet or exceed customer requirements, as well as continually working to improve our processes and the effectiveness thereof. Quality objectives and metrics are established for on-time delivery, customer returns, and ensuring customer satisfaction.
- ◆ These objectives and this policy are reviewed using the Management Review Process of the QMS, and are implemented with the direct involvement of all personnel in processes, product safety, and continual improvement activities.

WE ARE *AS9100* CERTIFIED

***RS Microwave Company, Inc.
is certified to AS9100 Revision C
through October 2016***

Director of Quality Assurance: Eugene J Clegg, Jr.

***Thank You for Allowing
RS Microwave
to be your
Filter Provider!***