MFC
Microwave Filter Company, Inc.

Creating Filters and Components to 50 Ghz for Over 50 Years!

5G - Mitigation

5G , The MFC Solution

5G is in the forefront of Technology news today and promises consumers increased mobility, connectivity, and data speeds. With the planned expansion of 5G around the world, the potential for interference to existing communication systems will require an RF Filter to suppress unwanted signals. Mid Band 5G falls within the frequency spectrum of the existing Global C-band Satellite receive band where the much stronger 5G signal may potentially overload the front-end of the Satellite receive equipment.

Microwave Filter Company has produced RF Filters that prevent C-Band interference for more than 40 years. We've already designed custom C-Band Filter solutions used to suppress 5G interference for systems that are currently deployed. We're ready to assist in finding a Filter solution to meet your needs.

ALL MFC PRODUCTS ARE MADE IN THE USA

6743 KINNE STREET
EAST SYRACUSE NEW YORK 13057
315-438-4700 OR 800-448-1666

WEB: MICROWAVEFILTER.COM
OUR VIDEOS: MICROWAVEFILTER.COM/VIDEO
EMAIL: MFCSALES@MICROWAVEFILTER.COM

Microwave Filter Company, Inc.

Creating Filters and Components to 50 Ghz for Over 50 Years!

5G - Mitigation

Where to begin….

The MFC ordering process is *streamlined*, efficient and easy for customers to navigate.

- Contact us by web
- Contact us by phone, talk with a live person
- Discuss your filter needs
- Tell us what portion of the C-Band you need to preserve

MFC Technical Advisors will be happy to assist and will work with you to ensure a robust solution to your interference issues.

***MFC is a global solution provider* and can develop and manufacture C-Band interference filters for any system in the world.**

ALL MFC PRODUCTS ARE MADE IN THE USA

6743 KINNE STREET
EAST SYRACUSE NEW YORK 13057
315-438-4700 OR 800-448-1666

WEB: MICROWAVEFILTER.COM
OUR VIDEOS: MICROWAVEFILTER.COM/VIDEO
EMAIL: MFCSALES@MICROWAVEFILTER.COM

MFC
Microwave Filter Company, Inc.

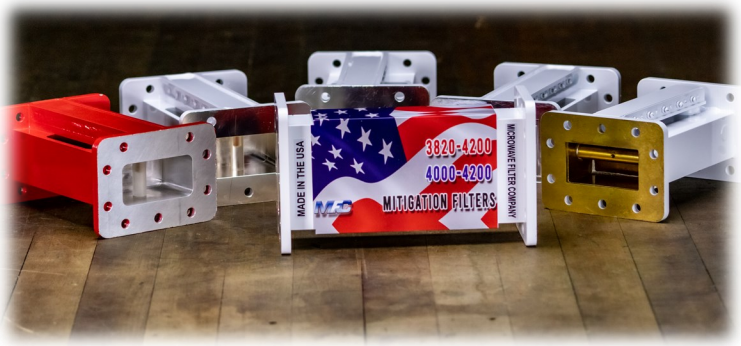
Creating Filters and Components to 50 Ghz for Over 50 Years!

5G - Mitigation

MFC Value….

Microwave Filter Company has decades of experience with filters for RF interference. Our C-Band interference filters are accurate, repeatable and reliable. As 5G networks will be installed world-wide, it is important that C-Band systems have the appropriate filtering installed to prevent 5G interference or system downtime.

What makes MFC different



- Consultation
- Rapid prototyping
- Product development
- Manufacturing

Our inventory houses many previously developed C-Band interference solutions that can be rapidly shipped and are attractively priced.

See our growing list of 5G Mitigation Solutions

We will be happy to provide you with a quote today!

ALL MFC PRODUCTS ARE MADE IN THE USA

6743 KINNE STREET
EAST SYRACUSE NEW YORK 13057
315-438-4700 OR 800-448-1666

WEB: MICROWAVEFILTER.COM
OUR VIDEOS: MICROWAVEFILTER.COM/VIDEO
EMAIL: MFCSALES@MICROWAVEFILTER.COM

Receive Band	Rejection/ Frequency (MHz)	Rejection	MFC Model	Geographic Popularity
3820-4200	3700-3720	70 dB Min	20541	US Domestic
	3720-3800	60 dB Min		
	3800-3805	30 dB Min		
	4230	25 dB Min		
	5800-7075`	80 dB Min		
4000-4200	3700-3900	70 dB Min	20523	US Domestic
	3900-3980	60 dB Min		
	3980-7085	30 dB Min		
	4230	25 dB Min		
	5800-7075	80 dB Min		
3400-4200	3300 & 4300	25 dB Min	7893D	Global
	4400	50 dB TYP		
	4500	60 dB TYP		
	5825-6725	60 dB Min		
	7250-7750	60 dB Min		
3500-4200	3400	80 dB Min	20255	Global
	4250	25 dB Min		
	4300	35 dB TYP		
3600-4200	3525	50 dB Min	20316	Global
	4285	50 dB Min		
3610-4200	3570	60 dB Min	20238-1	Global
	3547	43 dB Min		
	3465`	60 dB Typ		
3622-4200	3550-3600	35 dB TYP, 30 dB Min	20409	Global
	4300	35 dB TYP, 30 dB Min		
3625-4200	3600 & 4250	28 dB Approx	20323	Global
	3425 & 4375	55 dB TYP		
	3425-4425	70 dB TYP		

Receive Band	Rejection/ Frequency (MHz)	Rejection	MFC Model	Geographic Popularity
3625-4200	3550	40 dB Approx	11383	Global
3625-4200	3550-3600 4300	35 dB TYP, 30 dB Min 35 dB TYP, 30 dB Min	20345	Global
3625-4200	3550-3600 3600 4300	35 dB TYP 40 dB TYP 30 dB Min	20346	Global
3625-4200	3575 & 4275 3475 & 4375 3425 & 4425	45 dB Min 55 dB TYP 70 dB TYP	13961WE-I	Global
3625-4200	3575 & 4275 3475 & 4375 3425 & 4425	45 dB Min 55 dB TYP 70 dB TYP	13961W-I	Global
3625-4200	3600 & 4250 3475 & 4375 3425 & 4425	28 dB Min 55 dB TYP 70 dB TYP	20323	Global
3700-4100	3650 & 4150 3550 & 4250 3500 & 4300	55 dB TYP 80 dB TYP 90 dB TYP	20239	Global
3700-4200	3650 & 4250 3550 & 4350 3500 & 4400	45 dB Min 60 dB TYP 70 dB TYP	13961W	Global
3700-4200	3650 & 4250 3550 & 4350 3500 & 4400	45 dB Min 60 dB TYP 70 dB TYP	13961WE	Global

Receive Band	Rejection/ Frequency (MHz)	Rejection	MFC Model	Geographic Popularity
3700-4200	3650 & 4250	25 dB Min	7893D	Global
	3550 & 4350	60 dB TYP		
	3500 & 4400	70 dB TYP		
3700-4200	3650 & 4250	25 dB Min	7894D	Global
	3550 & 4350	60 dB TYP		
	3500 & 4400	70 dB TYP		
3700-4200	3680 & Below	60 dB Min	20738	India
	4230	30 dB Min		
3700-4200	3500 & Below	90 dB Min	20825	India
	3500 & 3550	90 dB TYP		
	3550 & 3650	60 dB TYP		
	4350-4400	90 dB TYP		
	4400-4800	90 dB Min		
3700-4200	3675-3682	30 dB Min	20778	Global
	4218-4225	30 dB Min		
	3600-3675	60 dB Min		
	4225-4400	60 dB Min		
3700-4200	Below 3500	70 dB MAX	20827	India
	3500-3550	60 dB Min		
	3550-3650	45 dB Min		
	4350 - 4400	48 dB Min		
	4400-4800	65 dB Min		
3700-4200 (Low Loss)	Below 3500	70 dB Min	20826	India
	3500 - 3550	60 dB Min		
	3550-3650	45 dB Min		
	4350-4400	48 dB Min		
	4400-4800	65 dB Min		
3720-4200	3650 & 4250	25 dB Min	20726	Global
	3550 & 4350	60 dB Min		
	3500 & 4400	70 dB Min		

Receive Band	Rejection/ Frequency (MHz)	Rejection	MFC Model	Geographic Popularity
3720-4200	3700 & Below	65 dB Min / 70 dB TYP	20750	Brazil
	4230	45 dB Min / 50 dB TYP		
3780-4200	3650	50 dB Min	20726	Global
	3700 & 4325	30 dB Min		
	3725	10 dB Min		
	4400	60 dB TYP		
3800-4200	4400-4500	30 dB TYP	20158	Global
	3600-3760	40 dB TYP		
	3400-3600	60 dB TYP		
	3760 & 4500	60 dB TYP		
3860-4200	3820	45 dB TYP	20172	Global
	3200-3800	50 dB TYP		
3860-4200	3820	45 dB TYP	20191	Global
	3200-3800	60 dB TYP		
	4265	25 dB TYP		
3900-4200	3845-4255	30 dB Min	20727	Global
3900-4200	3845 MHz & 4255 MHz	50 dB Min	20523	Global
3900-4200	3200-3880	60 dB Min	20248	Global
	4230-4700	45 dB TYP		

Receive Band	Rejection/ Frequency (MHz)	Rejection	MFC Model	Geographic Popularity
3900-4200	3845 & 4255	25 dB Min	13961	Global
3900-4200	3845 & 4255	25 dB Min	7893D	Global
3950-4200	3700-3900	55 dB Min	20523	Global
	4230	25 dB Min		
	5800-7075	80 dB Min		