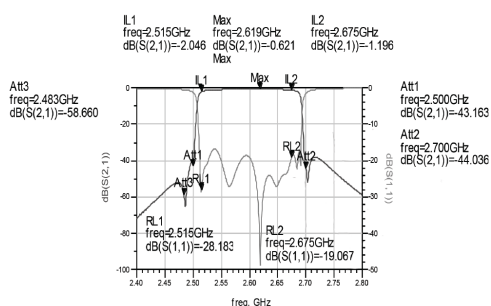




MCV Microwave high-performance ceramic waveguide filters are suitable for 5G New Radio (NR) massive MIMO base station applications which cover frequencies from L, lower C to Ku bands. These filters generally exhibit low insertion loss, excellent attenuation and high-power handling in small footprint. MCV ceramic waveguide filters are available in mass quantity with consistent yield, through-put and quality.

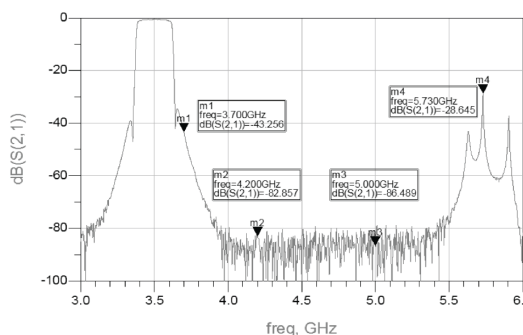
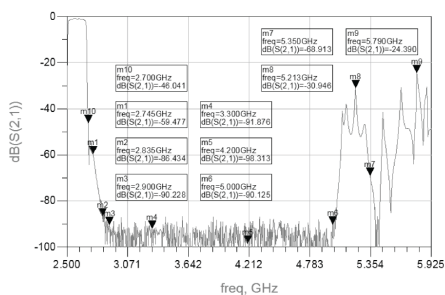
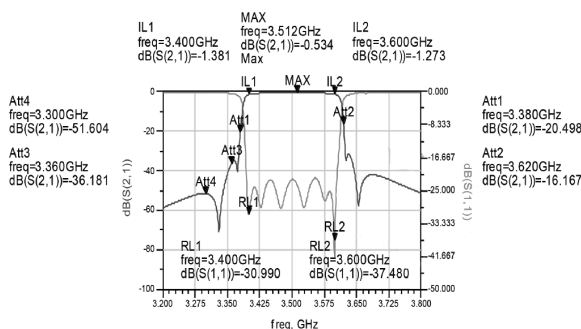
2.6GHz Ceramic Waveguide

BCMw2595-160A1



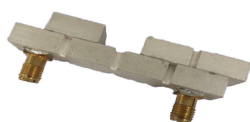
3.5GHz Ceramic Waveguide

BMCW3500-200A1



4.9GHz Ceramic Waveguide

BCMw4900-200A1



10GHz Ceramic Waveguide

BCMw10570-540A1



Filter ID	Fc (MHz)	BW (MHz)	IL (dB, Ave)	Rejections	Platform
3502R0	3500	200	1.2	80dB @9KHz~3000MHz	2 Layers
				62dB @3000MHz~3100MHz	
				30dB @3640MHz~3700MHz	
3503R0	3500	200	1.2	80dB @9KHz~3000MHz	Single
				62dB @3000MHz~3100MHz	
				30dB @3640MHz~3700MHz	
3301R0	3280	160	1.3	58dB @3015~3115MHz	Single
				54dB @3491~4300MHz	
3502R0	3300	200	1	30dB @2900~3060MHz	Single
				25dB @3545~3800 MHz	
2601R0	2950	160	1.5	36dB @2483.5~2500MHz	Single
				36dB @2700~2820MHz	
3504R0	3500	200	1.1	30dB @3300~3360MHz	Single
				30dB @3640~3700MHz	
3801R0	3600	400	0.9	71dB @2375~2690MHz	Single
				71dB @2775~3100MHz	
2602R0	2950	160	1.5 (Max)	37dB @2400~2485MHz	Single
				45dB @DC~2400MHz	
3505R0	3500	200	0.9	35dB @3100~3300MHz	Single
				22dB @3640~3700MHz	
3701R0	3600	200	1.1	70dB @1884.5~1915.7MHz	2 Layers
				65dB @2545~2645MHz	
				49dB @2645~2690MHz	
				32dB @3400~3420MHz	

Contact Us

Contact engineering with your electrical specifications for a quote.

engineering@mcv-microwave.com