

Harmonic Absorption Filters

DrawCom's Harmonic Absorption Filters exhibit extremely low harmonic power reflection but high harmonic power absorption. The table gives an indication of our capability in harmonic absorption filters. The tables give an indication of capability with these filters. We also have a significant number of other designs and DrawCom can happily accommodate customer specified filters.

Harmonic Absorption Filters						
Part No.	Waveguide Size	Passband Operating Frequency (GHz)	Minimum Return Loss (dB)	Maximum Insertion Loss (dB)	Minimum 2 nd Harmonic Rejection (dB)	Power Handling (W)
M2559	WR159	5.850 – 6.425	24	0.15	40	9000
M1832-0	WR137	5.925 – 6.425	23	0.20	20	2500
M1143-0	WR75	14.000 – 14.500	23	0.25	26	1000
M1420-0	WR75	14.000 – 14.500	23	0.20	33	2000
M1551-0	WR75	14.000 – 14.500	23	0.35	50	2000
M1510-0	WR75	14.000 – 14.500	26	0.30	48	2500
M2638	WR62	14.000 – 14.500	23	0.25	45	-

