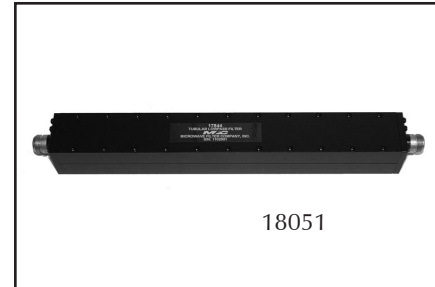
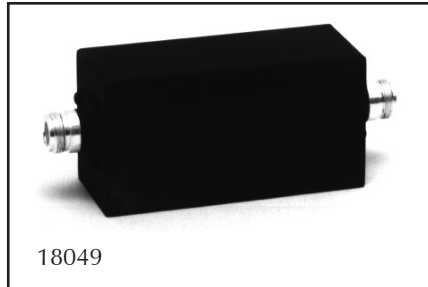


# UHF and VHF Harmonic Reject Filters

These lowpass transmit filters provide strong harmonics rejection – eliminating potential interference to other broadcast & telecom services operating above the transmit band.



## Specifications:

Model	18048	19077	18049	18050	18051	18052
Transmit Band	VHF-L	VHF-L	VHF-H	UHF	UHF	UHF
Max. Power (CW)	250 W	600 W	250 W	50 W	250 W	500 W
Passband (MHz)	54-88	54-88	174-216	470-698	470-698	470-698
Insertion Loss (Max)	0.7 dB	0.5 dB	0.3 dB	0.3 dB	0.3 dB	0.3 dB
VSWR (Max.)	1.36:1	1.25:1	1.30:1	1.30:1	1.30:1	1.30:1
Harmonic Band (MHz) Rejection (Typ)	108-176 > 50 dB	108-176 > 50 dB	348-432 > 60 dB	940-2094 > 50 dB	940-1396 > 50 dB	940-1396 > 50 dB
Harmonic Band (MHz) Rejection (Typ)	176-440 > 70 dB	176-960 > 50 dB	522-1080 > 70 dB	-----	1410-3490 > 70 dB	1410-3490 > 70 dB
Impedance	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms
Connectors	N Female	7/16 DIN	N Female	N Female	N Female	7/16 DIN



**MICROWAVE FILTER COMPANY, INC.**

6743 Kinne Street, East Syracuse, NY 13057 • Toll Free: 800-448-1666 or 888-206-6610  
www.microwavefilter.com • email: mfcsales@microwavefilter.com • International: 315-438-4700