

# FILTERS

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## 22 Series Harmonic Filters

Model	22-38-01	22-67-01	22-90-01
Frequency Range (MHz)	132-174	406-530	806-960
Insertion Loss (passband)	0.02	0.02	0.02
Return Loss	>20 (1.22:1)	>20 (1.22:1)	>20 (1.22:1)
Second Harmonic Attenuation	>60	>60	>60
Maximum Input Power	600	600	600
Connectors (In/Out)	N(M)/N(F)	N(M)/N(F)	N(M)/N(F)

## 28 Series Duplexers

Model Number	28-65-10H	28-66-04H	28-70-15H
Minimum Freq. Separation	4.5 MHz	5 MHz	5 MHz
Power Rating	100 W	100 W	100 W
Frequency Range (MHz)	406-430	442-450	450-470
Isolation	80 dB	80 dB	80 dB
Insertion Loss	1.2 dB	1.2 dB	1.2 dB
No. of Cavities	4	4	4
Cavity Size	1.25" x 2" RECT.	1.25" x 2" RECT.	1.25" x 2" RECT.
Nominal Size	2.7"H x 5.12" W x 7.4"D	2.7"H x 5.12" W x 7.4"D	2.7"H x 5.12" W x 7.4"D
Tx & Rx Port Connectors	BNC	N	BNC
Antenna Connectors	UHF	UHF	UHF
Shipping Weight	5 lbs.	5 lbs.	5 lbs.