

# CAVITY RESONATORS

## VHF 144 - 190 MHz

### ELECTRICAL SPECIFICATIONS

Model Number	6477/SBCH	6477/SBCHF	64610/SBC
Frequency Band (MHz)	144-190	144-190	144-190
Input Power-See Appl. Notes	250 W	350 W	200 W
Insertion Loss	See Application Notes on Page 45		
Attenuation	See Charts Below	See Charts Below	See Charts Below
Impedance	50 Ω	50 Ω	50 Ω
VSWR	1.5:1 or Better	1.5:1 or Better	1.5:1 or Better
Electrical Length	1/4 λ	1/4 λ	1/4 λ
Temp Range	- 22 to +140 °F - 30 to +60 ° C	- 22 to +140 °F - 30 to +60 ° C	- 22 to +140 °F - 30 to +60 ° C
Single	\$484.00	\$690.00	\$382.00
Dual	\$1,077.00	\$1,489.00	\$872.00
Triple	\$1,610.00	\$2,227.00	Contact Factory

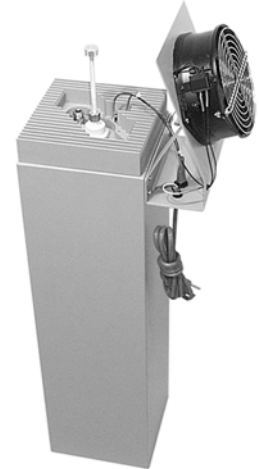
### MECHANICAL SPECIFICATIONS

Dim (d x w)		7" x 7"	7" x 12"	10" x 10"
Individual Cavity		178 x 178 mm	178 x 305 mm	254 x 254 mm
Dim (Height)	Inches	26" - 32 1/2"	31" - 32 1/2"	28" - 34 1/4"
Individual Cavity	Metric	661 - 826 mm	788 - 826 mm	712 - 820 mm
Connectors		N Female	N Female	N Female
Finish		EMR Gray	EMR Gray	EMR Gray
Ship Weight: Single		18 lbs. (8.2 kg.)	45 lbs. (20.5 kg.)	34 lbs. (15.5 kg.)
Dual		36 lbs. (16.4 kg.)	56 lbs. (25.5 kg.)	Contact Factory
Triple		55 lbs. (25.0 kg.)	68 lbs. (30.9 kg.)	Contact Factory

6477/SBCH



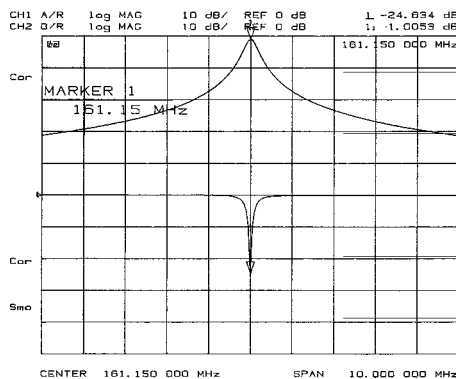
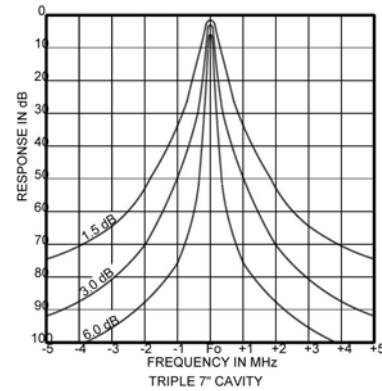
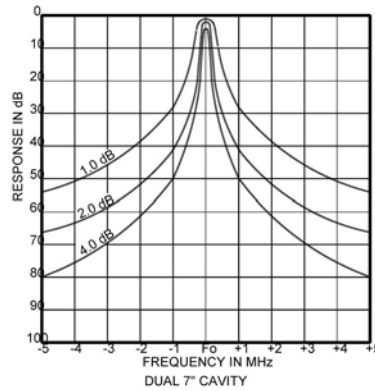
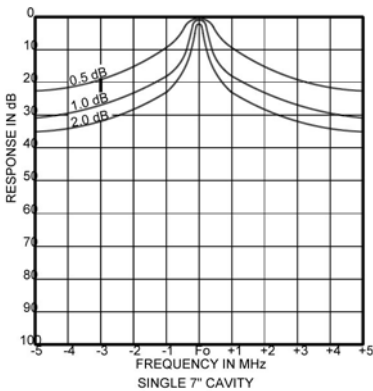
6477/SBCHF



64610/SBC



BAND PASS



# CAVITY RESONATORS

## VHF 144 - 190 MHz

BAND PASS

64710/SBCH



64810/SBCHF



64812/SBCH



### ELECTRICAL SPECIFICATIONS

Model Number	64710/SBCH	64810/SBCHF	64812/SBCH
Frequency Band (MHz)	144-190	144-190	144-190
Input Power-See Appl. Notes	350 W	500 W	500 W
Insertion Loss	0.3 - 0.75 dB	0.3 - 0.75 dB	0.3 - 0.75 dB
Attenuation	See Charts Below	See Charts Below	See Charts Below
Impedance	50 Ω	50 Ω	50 Ω
VSWR	1.25:1 or Better	1.25:1 or Better	1.25:1 or Better
Electrical Length	1/4 λ	1/4 λ	1/4 λ
Temp Range	- 22 to +140 °F - 30 to +60 ° C	- 22 to +140 °F - 30 to +60 ° C	- 22 to +140 °F - 30 to +60 ° C
Single	\$963.00	\$1,144.00	\$1,386.00
Dual	\$2,045.00	\$2,771.00	\$3,286.00
Triple	Contact Factory	Contact Factory	Contact Factory

### MECHANICAL SPECIFICATIONS

Dim (d x w)		10" x 10"	10" x 15"	12" x 12"
Individual Cavity		254 x 254 mm	254 x 381 mm	305 x 305 mm
Dim (Height)	Inches	28" - 34 1/4"	31" - 34 1/4"	28 - 34 1/4"
Individual Cavity	Metric	712 - 870 mm	788 - 870 mm	712 - 870 mm
Connectors		N Female	7/16 DIN	7/16 DIN
Finish		EMR Gray	EMR Gray	EMR Gray
Ship Weight: Single		47 lbs. (21.4 kg.)	67 lbs. (30.4 kg.)	65 lbs. (29.5 kg.)
Dual		Contact Factory	Contact Factory	Contact Factory
Triple		Contact Factory	Contact Factory	Contact Factory

