

CAVITY RESONATORS

UHF 894 - 960 MHz

ELECTRICAL SPECIFICATIONS

Model Number	6654/SBD1	6654/SBD3	6667/SBD3
Frequency Band (MHz)	894-960	894-960	894-960
Input Power-See Appl. Notes	100 W	100 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	3/4 λ	3/4 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	\$237.00	\$255.00	\$297.00
Dual	\$581.00	\$618.00	\$702.00
Triple	\$866.00	\$920.00	\$1,048.00

MECHANICAL SPECIFICATIONS

Dim (d x w)		4" x 4"	4" x 4"	7" x 7"
Individual Cavity		102 x 102 mm	102 x 102 mm	178 x 178 mm
Dim (Height)	Inches	8" - 10"	14 - 16"	11" - 15"
Individual Cavity	Metric	204 - 254 mm	356 - 407 mm	280 - 380 mm
Connectors		N Female	N Female	N Female
Finish		EMR Gray	EMR Gray	EMR Gray
Ship Weight: Single		6 lbs. (2.8 kg.)	8 lbs. (3.7 kg.)	12 lbs. (5.5 kg.)
Dual		10 lbs. (4.6 kg.)	18 lbs. (4.6 kg.)	22 lbs. (10.0 kg.)
Triple		14 lbs. (6.4 kg.)	23 lbs. (10.5 kg.)	30 lbs. (13.7 kg.)

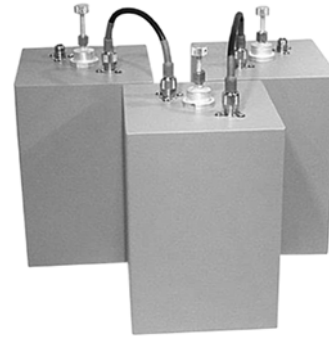
6654/SBD1-2



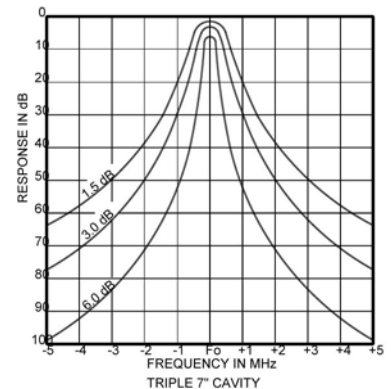
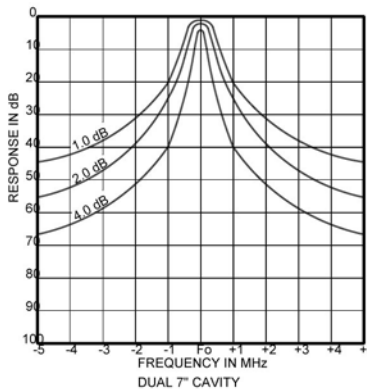
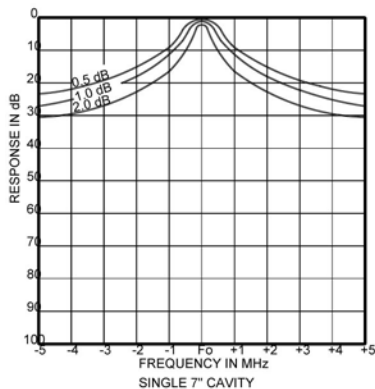
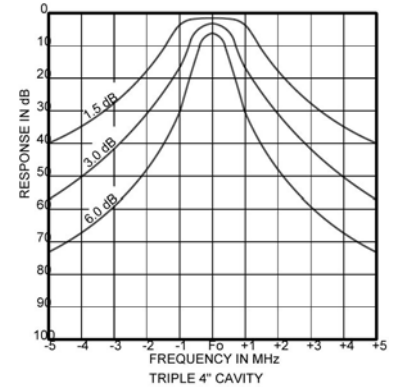
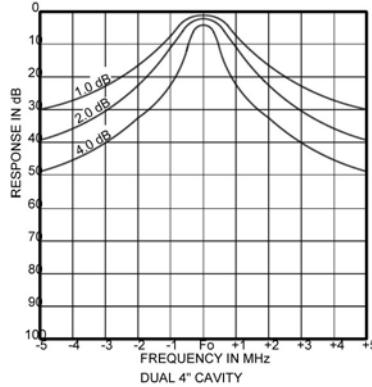
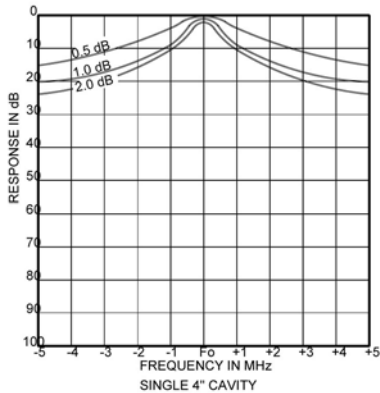
6654/SBD3



6667/SBD3-3



BAND PASS

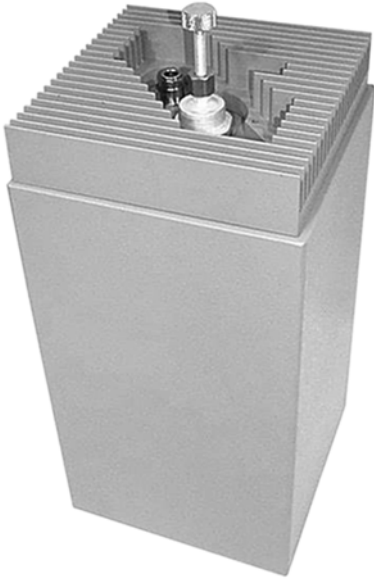


CAVITY RESONATORS

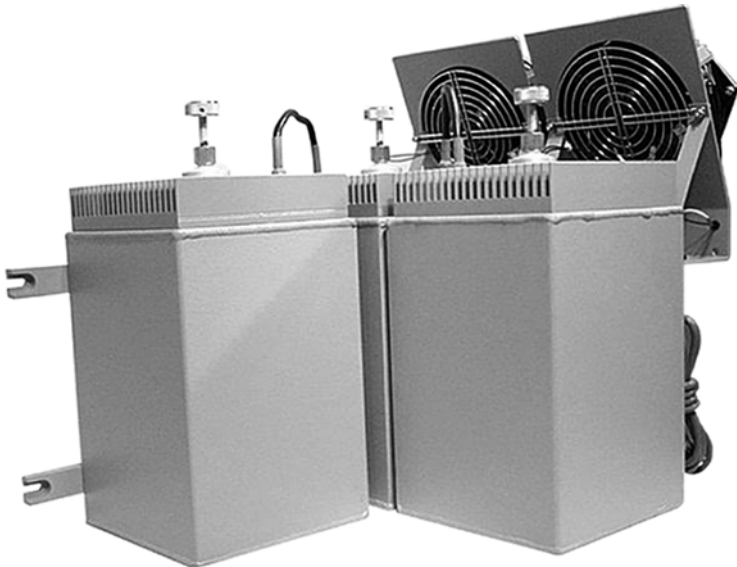
UHF 894 - 960 MHz

BAND PASS

6677/SBD3H



6687/SBD3HF-3



ELECTRICAL SPECIFICATIONS

Model Number	6677/SBD3H	6687/SBD3HF
Frequency Band (MHz)	894-960	894-960
Input Power-See Appl. Notes	350 W	500 W
Insertion Loss	See Application Notes on Page 45	
Attenuation	See Charts Below	See Charts Below
Impedance	50 Ω	50 Ω
VSWR	1.25:1 or Better	1.25:1 or Better
Electrical Length	3/4 λ	3/4 λ
Temp Range	- 22 to +140 °F - 30 to +60 ° C	- 22 to +140 °F - 30 to +60 ° C
Single	\$847.00	\$1,089.00
Dual	\$1,815.00	\$2,662.00
Triple	Contact Factory	Contact Factory

MECHANICAL SPECIFICATIONS

Dim (d x w)		7" x 7"	7" x 12"
Individual Cavity		178 x 178 mm	178 x 305 mm
Dim (Height)	Inches	12" - 15"	21"
Individual Cavity	Metric	305 - 381 mm	534 mm
Connectors		N Female	7/16 DIN
Finish		EMR Gray	EMR Gray
Ship Weight: Single		14 lbs. (6.4 kg.)	18 lbs. (8.2 kg.)
Dual		23 lbs. (10.5 kg.)	34 lbs. (15.5 kg.)
Triple		30 lbs. (14.6 kg.)	65 lbs. (29.5 kg.)

