

AERONAUTICAL CAVITY RESONATORS

ELECTRICAL SPECIFICATIONS

Model Number	AE6454/SBA	AE6467/SBA	AE6467/SBE	AE6554/SBB
Frequency Band (MHz)	118-138	118-138	225-300	375-440
I/P Pwr, @ 1.0 dB	150 W	200 W	200 W	150 W
Insertion Loss	See Application Notes on Page 45			
Attenuation	Contact The Factory For Performance Plots			
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
VSWR	1.25:1 or Better	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	1/4 λ
Temp Range	- 40 to +140 °F - 30 to +60 ° C	- 40 to +140 °F - 30 to +60 ° C	- 40 to +140 °F - 30 to +60 ° C	- 40 to +140 °F - 30 to +60 ° C
Single	\$297.00	\$376.00	\$297.00	\$267.00
Dual	\$720.00	\$860.00	\$702.00	\$642.00
Triple	\$1,048.00	\$1,283.00	\$1,048.00	\$956.00

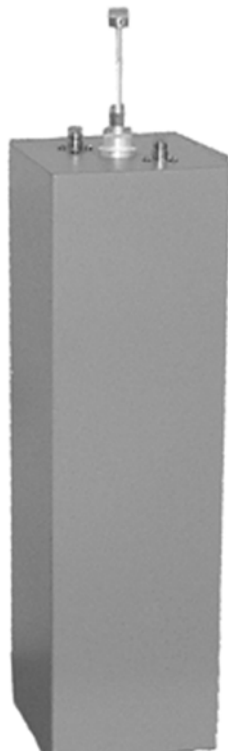
MECHANICAL SPECIFICATIONS

Dim (d x w)	4" x 4"	7" x 7"	4" x 4"	7" x 7"
Individual Cavity	102 x 102 mm	178 x 178 mm	102 x 102 mm	178 x 178 mm
Dim (Height)	26" - 32 1/2" 661 - 826 mm	26" - 32 1/2" 661 - 826 mm	26" - 32 1/2" 661 - 826 mm	26" - 32 1/2" 661 - 826 mm
Connectors	N Female	N Female	N Female	N Female
Finish	EMR Gray	EMR Gray	EMR Gray	EMR Gray
Ship Weight: Single	12 lbs. (6.5 kg.)	16 lbs. (7.3 kg.)	12 lbs. (6.5 kg.)	16 lbs. (7.3 kg.)
Dual	22 lbs. (10.1 kg.)	48 lbs. (21.8 kg.)	22 lbs. (10.1 kg.)	48 lbs. (21.8 kg.)
Triple	28 lbs. (12.8 kg.)	65 lbs. (29.5 kg.)	28 lbs. (12.8 kg.)	65 lbs. (29.5 kg.)

AE6454/SBA



AE6467/SBA & AE6467/SBE



AE6554/SBB

