

AERONAUTICAL CAVITY RESONATORS

ELECTRICAL SPECIFICATIONS

Model Number	AE6454/SNA	AE6467/SNA	AE6467/SNE	AE6554/SNB
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 39			
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	\$363.00	\$267.00
Dual	\$702.00	\$860.00	\$860.00	\$642.00
Triple	\$1,048.00	\$1,283.00	\$1,283.00	\$956.00

MECHANICAL SPECIFICATIONS

Dim (d x w)	4" x 4"	7" x 7"	7" x 7"	4" x 4"
Individual Cavity	102 x 102 mm	178 x 178 mm	178 x 178 mm	102 x 102 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.)	16 lbs. (7.3 kg.)	12 lbs. (6.5 kg.)
Dual	22 lbs. (10.1 kg.)	48 lbs. (21.8 kg.)	48 lbs. (21.8 kg.)	22 lbs. (10.1 kg.)
Triple	28 lbs. (12.8 kg.)	65 lbs. (29.5 kg.)	65 lbs. (29.5 kg.)	28 lbs. (12.8 kg.)

AE6454/



AE6467/SNA & AE6467/SNE



AE6554/SNB

