

CAVITY RESONATORS

VHF / UHF

ELECTRICAL SPECIFICATIONS

Model Number	74517/CFD	74527/CFD	Contact Factory (623) 581-2875	75317/CFA	75417/CFA
Frequency Band (MHz)	190-240	190-240	240-300	300-375	300-375
Power: Input Reflected	125 W 60 W	125 W 60 W	↑	20 W 10 W	50 W 30 W
Insertion Loss	1.5 dB	1.7 dB		1.5 dB	1.4 dB
Isolation	35+ dB	70+ dB		35+ dB	35+ dB
Isolator Stage	Single	Dual		Single	Single
Noise Reject +/- 5 MHz	30+ dB	30+ dB		25+ dB	25+ dB
Impedance	50 Ω	50 Ω		50 Ω	50 Ω
VSWR: Input/Output	1.1:1 or Better	1.1:1 or Better		1.1:1 or Better	1.1:1 or Better
Electrical Length	1/4 λ	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	- 22 to +140 °F - 30 to +60 °C
List Price	\$1,625.00	\$2,275.00		\$770.00	\$850.00

MECHANICAL SPECIFICATIONS

Dim (d x w): Inches	9 x 19	9 x 19	9 x 19	9 x 19
Metric	229 x 483	229 x 483	229 x 483	229 x 483
Dim (Height): Inches	26 - 32 1/2	26 - 32 1/2	14 - 19	14 - 19
Metric	1169 - 1397	1169 - 1397	356 - 483	356 - 483
Connectors	N Female	N Female	N Female	N Female
Finish	EMR Gray	EMR Gray	EMR Gray	EMR Gray
Ship Weight: lbs.	15	15	10	10
kg.	6.9	6.9	4.6	4.6

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