

CAVITY RESONATORS

VHF 66 - 118 MHz

ELECTRICAL SPECIFICATIONS

Model Number	73414/CFD	73424/CFD	73514H/CFD (Not Pictured)	73524H/CFD	Contact Factory (623) 581-2875
Frequency Band (MHz)	66-88	66-88	66-88	66-88	108-118
Power: Input / Reflected	50 W 30 W	50 W 30 W	100 W 60 W	100 W 60 W	↑
Insertion Loss	1.6 dB	1.8 dB	1.6 dB	1.8 dB	
Isolation	35+ dB	70+ dB	35+ dB	70+ dB	
Isolator Stage	Single	Dual	Single	Dual	
Noise Reject +/- 5 MHz	25+ dB	25+ 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	\$990.00	\$1,295.00	\$1,220.00	\$1,655.00	

MECHANICAL SPECIFICATIONS

Dim (d x w): Inches	6 x 19	6 x 19	7 1/2 x 19	7 1/2 x 19
Metric	153 x 483	153 x 483	191 x 483	191 x 483
Dim (Height): Inches	46 - 55	46 - 55	46 - 55	46 - 55
Metric	1169 - 1397	1169 - 1397	1169 - 1397	1169 - 1397
Connectors	N Female	N Female	N Female	N Female
Finish	EMR Gray	EMR Gray	EMR Gray	EMR Gray
Ship Weight: lbs.	21	22	22	25
kg.	9.6	10.0	10.0	11.4

73414/CFD



73424/CFD



73524H/CFD



73424/CFD & 73524H/CFD

