

# BROADCAST TRANSMITTER COMBINERS

## ELECTRICAL SPECIFICATIONS

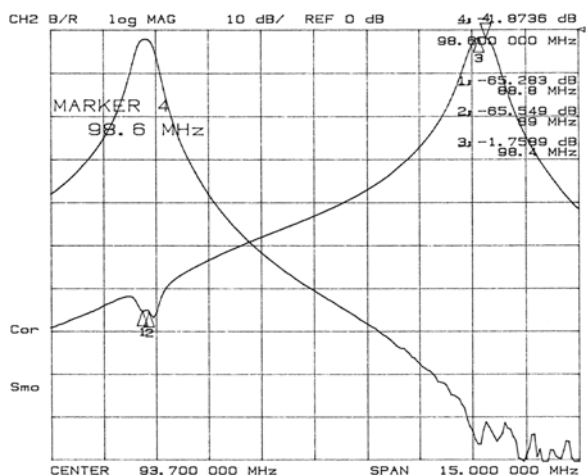
Model Number	FM63422	FM63432	FM63442
Frequency Band (MHz)	88-108	88-108	88-108
# of Channels	2	3	4
Max. Pwr Per Channel	50 W	50 W	50 W
Min. Frequency Spacing	800 KHz	800 KHz	800 KHz
Max. Insertion Loss	2.2 dB	2.3 dB	2.4dB
Min. Insertion Loss	1.7 dB	1.8 dB	1.9 dB
Isolation Tx-Tx	90 dB	90 dB	90 dB
Isolation Ant-Tx	70 dB	70 dB	70 dB
Impedance	50 $\Omega$	50 $\Omega$	50 $\Omega$
Max. VSWR Input / Output	1.1:1 / 1.25:1	1.1:1 / 1.25:1	1.1:1 / 1.25:1
Isolator	Dual	Dual	Dual
Temperature 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

## MECHANICAL SPECIFICATIONS

Cavity Dim	Inches	38 to 46 1/2	38 to 46 1/2	38 to 46 1/2
Height	Metric	966 x 1182	966 x 1182	966 x 1182
Finished Dim (D x W)	Inches	6 1/8 x 19	12 1/4 x 19	12 1/4 x 19
	Metric	156 x 483	312 x 483	312 x 483
Connectors		N Female	N Female	N Female
Finish		EMR Gray	EMR Gray	EMR Gray
Ship Weight: lbs.		23	31	39
kg.		10.5	14.1	17.7

FILTER FERRITE

FM63422



FM63442

