

# BROADCAST TRANSMITTER COMBINERS

## ELECTRICAL SPECIFICATIONS

Model Number	FM63421	FM63431	FM63441
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	2.0 dB	2.1 dB	2.2 dB
Min. Insertion Loss	1.5 dB	1.6 dB	1.7 dB
Isolation Tx-Tx	50 dB	50 dB	50 dB
Isolation Ant-Tx	35 dB	35 dB	35 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	Single	Single	Single
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 to 1182	966 to 1182	966 to 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

FM63451

