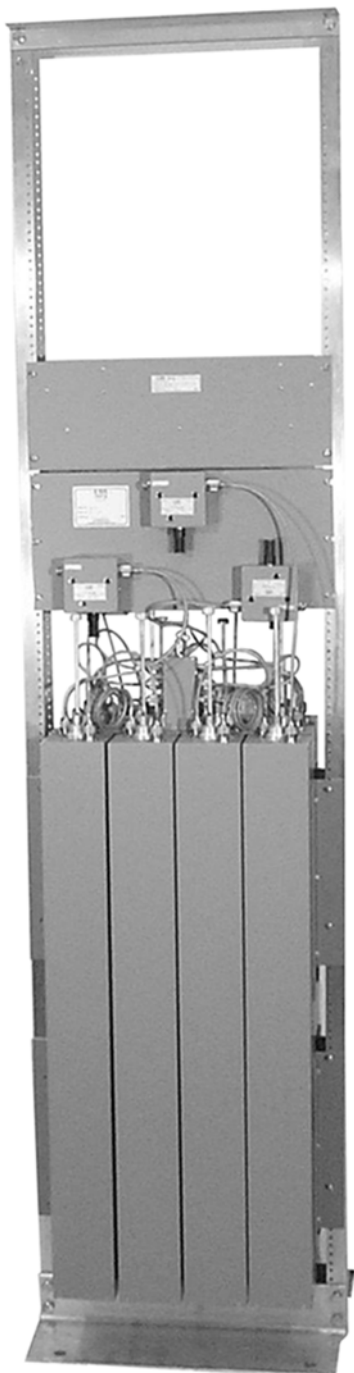


# BROADCAST TRANSMITTER COMBINERS

FILTER FERRITE



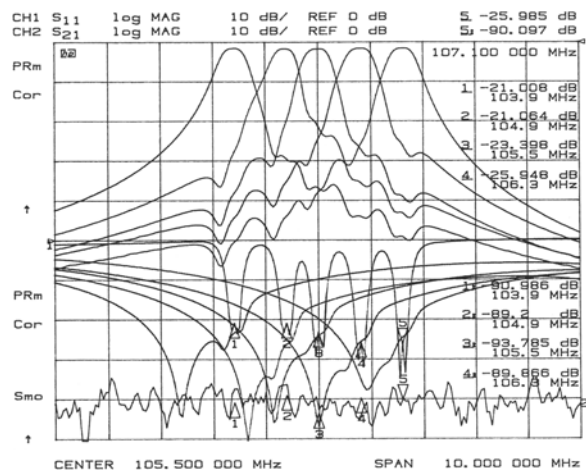
## ELECTRICAL SPECIFICATIONS

Model Number	FM63421	FM63431	FM63441	FM63451
Frequency Band (MHz)	88-108	88-108	88-108	88-108
# of Channels	2	3	4	5
Max. Pwr Per Channel	50 W	50 W	50 W	50 W
Min. Frequency Spacing	800 KHz	800 KHz	800 KHz	800 KHz
Max. Insertion Loss	2.0 dB	2.1 dB	2.2 dB	2.3 dB
Min. Insertion Loss	1.5 dB	1.6 dB	1.7 dB	1.8 dB
Isolation Tx-Tx	50 dB	50 dB	50 dB	50 dB
Isolation Ant-Tx	35 dB	35 dB	35 dB	35 dB
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Max. VSWR Input/Output	1.1:1 / 1.25:1	1.1:1 / 1.25:1	1.1:1 / 1.25:1	1.1:1 / 1.25:1
Isolator	Single	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	- 22 to +140 °F - 30 to +60 ° C
List Price	\$3,110.00	\$4,590.00	\$6,075.00	\$7,560.00

## MECHANICAL SPECIFICATIONS

Cavity Dim	Inches	38 to 46 1/2	38 to 46 1/2	38 to 46 1/2	46 3/4 x 55 1/4
	Metric	966 to 1182	966 to 1182	966 to 1182	1188 x 1404
Finished Dim (D x W)	Inches	6 1/8 x 19	12 1/4 x 19	12 1/4 x 19	12 1/4 x 19
	Metric	156 x 483	312 x 483	312 x 483	312 x 483
Connectors		N Female	N Female	N Female	N Female
Finish		EMR Gray	EMR Gray	EMR Gray	EMR Gray
Ship Weight:	lbs.	23	31	39	89
	kg.	10.5	14.1	17.7	40.4

FM63451



# BROADCAST TRANSMITTER COMBINERS

## ELECTRICAL SPECIFICATIONS

Model Number	FM63422	FM63432	FM63442	FM63452
Frequency Band (MHz)	88-108	88-108	88-108	88-108
# of Channels	2	3	4	5
Max. Pwr Per Channel	50 W	50 W	50 W	50 W
Min. Frequency Spacing	800 KHz	800 KHz	800 KHz	800 KHz
Max. Insertion Loss	2.2 dB	2.3 dB	2.4 dB	2.5 dB
Min. Insertion Loss	1.7 dB	1.8 dB	1.9 dB	2.0 dB
Isolation Tx-Tx	90 dB	90 dB	90 dB	90 dB
Isolation Ant-Tx	70 dB	70 dB	70 dB	70 dB
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Max. VSWR Input / Output	1.1:1 / 1.25:1	1.1:1 / 1.25:1	1.1:1 / 1.25:1	1.1:1 / 1.25:1
Isolator	Dual	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	- 22 to +140 °F - 30 to +60 ° C
List Price	\$3,810.00	\$5,650.00	\$7,480.00	\$9,320.00

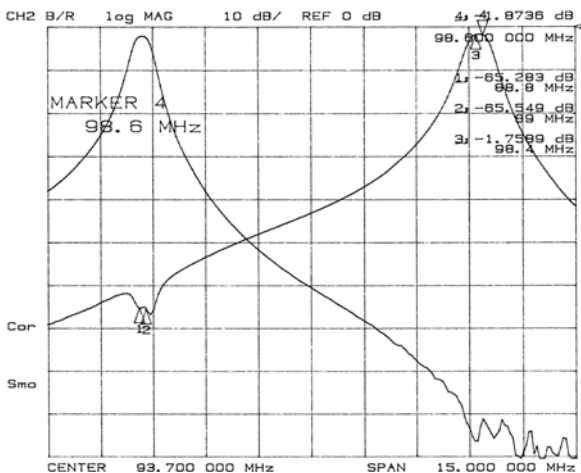
## MECHANICAL SPECIFICATIONS

Cavity Dim	Inches	38 to 46 1/2	38 to 46 1/2	38 to 46 1/2	46 3/4 x 55 1/4
	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	12 1/4 x 19
	Metric	156 x 483	312 x 483	312 x 483	312 x 483
Connectors		N Female	N Female	N Female	N Female
Finish		EMR Gray	EMR Gray	EMR Gray	EMR Gray
Ship Weight: lbs.		23	31	39	89
kg.		10.5	14.1	17.7	40.4

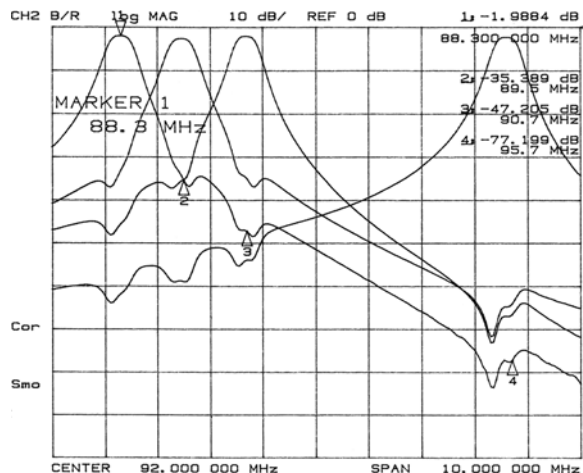


FILTER FERRITE

FM63422



FM63442



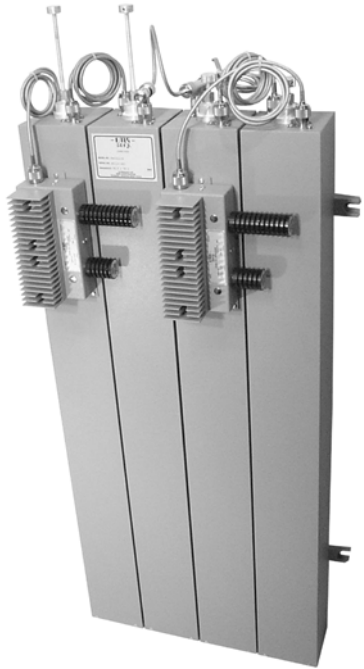
# BROADCAST TRANSMITTER COMBINERS

## ELECTRICAL SPECIFICATIONS

Model Number	FM63522/H	FM63532/H	FM63542/H
Frequency Band (MHz)	88-108	88-108	88-108
# of Channels	2	3	4
Max. Pwr Per Channel	100 W	100 W	100 W
Min. Frequency Spacing	800 KHz	800 KHz	800 KHz
Max. Insertion Loss	2.2 dB	2.3 dB	2.4 dB
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
List Price	\$5,275.00	\$7,845.00	\$10,410.00

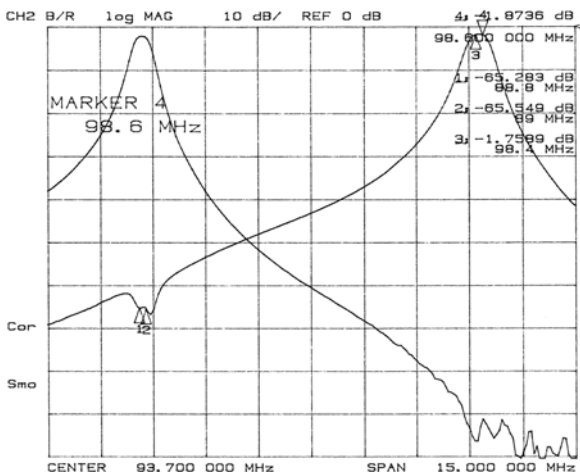
## MECHANICAL SPECIFICATIONS

Finished Dim (D x W) Inches	7 3/4 x 19	15 1/2 x 19	15 1/2 x 19
	Metric 197 x 483	394 x 483	394 x 483
Cavity Dim (height) Inches	38 x 46 1/2	38 x 46 1/2	38 x 46 1/2
	Metric 966 x 1182	966 x 1182	966 x 1182
Connectors	N Female	N Female	N Female
Finish	EMR Gray	EMR Gray	EMR Gray
Ship Weight: lbs.	37	56	75
	kg.	16.8	25.5

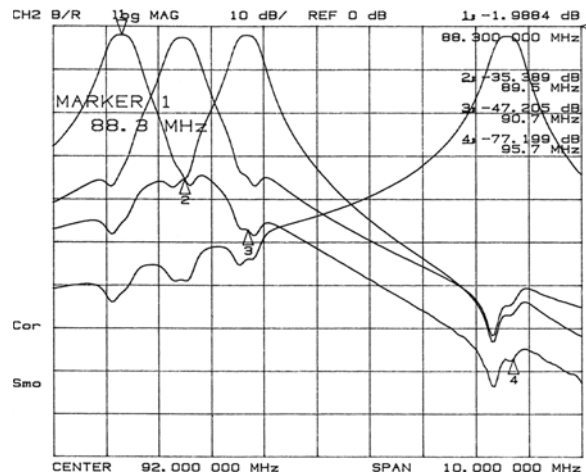


FM63522/H

FM63522/H



FM63542/H



FILTER FERRITE

# BROADCAST TRANSMITTER COMBINERS

## ELECTRICAL SPECIFICATIONS

Model Number	FM63522/HF	FM63532/HF	FM63542/HF
Frequency Band (MHz)	88-108	88-108	88-108
# of Channels	2	3	4
Max. Pwr Per Channel	150 W	150 W	150 W
Min. Frequency Spacing	800 KHz	800 KHz	800 KHz
Max. Insertion Loss	1.7 dB	1.8 dB	1.9 dB
Min. Insertion Loss	2.2 dB	2.3 dB	2.4 dB
Isolation Tx-Tx	90 dB	90 dB	90 dB
Isolation Ant-Tx	70 dB	70 dB	70 dB
Impedance	50 Ω	50 Ω	50 Ω
Max. VSWR	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
List Price	\$5,810.00	\$8,645.00	\$11,585.00

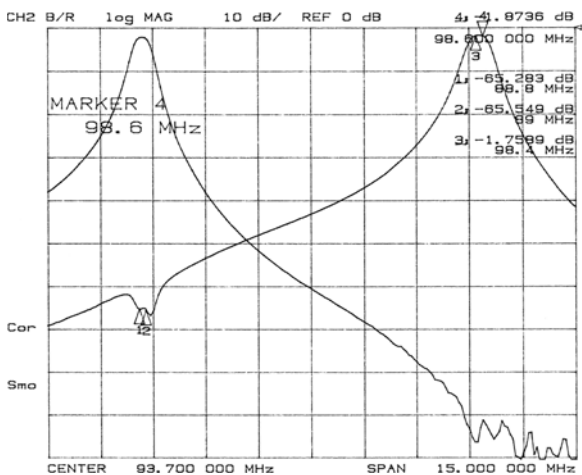


FILTER FERRITE

## MECHANICAL SPECIFICATIONS

Finished Dim (D x W) Inches	12 3/4 x 19	25 1/2 x 19	25 1/2 x 19
	Metric 324 x 483	Metric 648 x 483	Metric 648 x 483
Cavity Dim (height) Inches	38 to 46.5	38 to 46.5	38 to 46.5
	Metric 966 x 1182	Metric 966 x 1182	Metric 966 x 1182
Connectors	N Female	N Female	N Female
Finish	EMR Gray	EMR Gray	EMR Gray
Ship Weight: lbs.	52	65	85
kg.	23.6	29.5	39.6

FM63522/HF



FM63542/HF

