



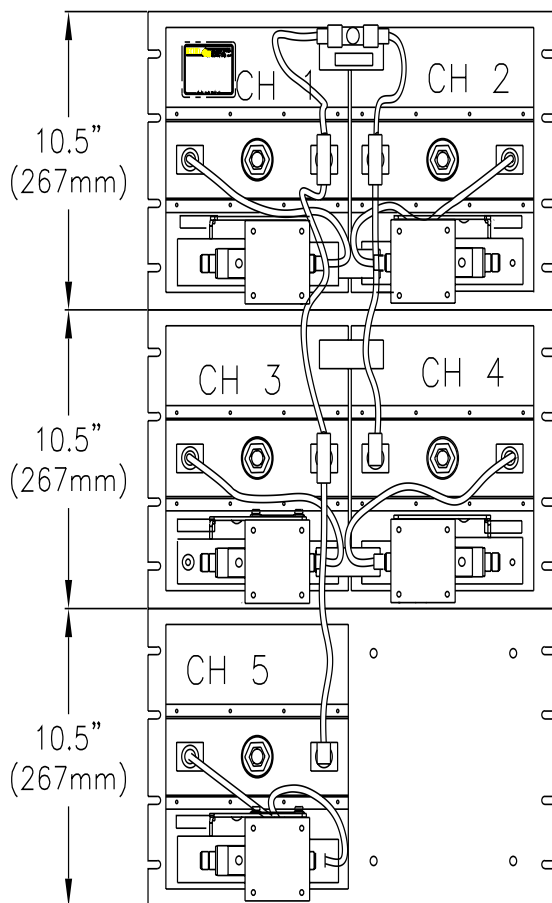
DB4368C Series

2 to 10 Channel Tx Combiners

370-512 MHz

- Easy Field Tuning and Expansion
- Broadband Performance
- Compact Packaging
- Maximum Performance to Size
- 2 to 10 Channel Availability
- 50 KHz Tx to Tx Spacing

Combiner



DB4368C-5-B
SHOWN

ORDERING INFORMATION

Model Number	# of Channels
DB4368C-2-AA, AB, AC, B, BT, CT	2
DB4368C-3-AA, AB, AC, B, BT, CT	3
DB4368C-4-AA, AB, AC, B, BT, CT	4
DB4368C-5-AA, AB, AC, B, BT, CT	5
DB4368C-6-AA, AB, AC, B, BT, CT	6
DB4368C-7-AA, AB, AC, B, BT, CT	7
DB4368C-8-AA, AB, AC, B, BT, CT	8
DB4368C-9-AA, AB, AC, B, BT, CT	9
DB4368C-10-AA, AB, AC, B, BT, CT	10

FREQUENCY RANGES AVAILABLE-MHz

-AA	370-400	-B	450-470
-AB	406-416	-BT	470-492
-AC	410-420	-CT	485-512

Note: Single and dual channel expansions are available.

Electrical		Mechanical	
VSMR (at 50 Ohms):	1.25:1	Mounting:	19" Rack
Model Number:	See Ordering Information	Temp. Range:	-30° to +60° C
Application:	Tx Combiner	Connectors:	Type-N-Female
Frequency Spacing:	50 KHz (min.)	(Input/Output)	
Insertion Loss:	3.3 dB (max.) @ 250 KHz (for 5 channel)	Finish:	Tek Black
Isolation: Tx to Tx	60 dB (min.)	Dimensions:	15" x 19" x 31-1/2"
Isolation: Ant to Tx	50 dB (min.)	(W x H x D - max.)	(381 x 482.6 x 800 mm)
Input Power Rating:	150 Watts	Cavity Size:	8" x 9" x 12"
			(203.2 x 228.6 x 304.8 mm)
		Weight:	112 lbs

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Toll Free Tel: 1.800.676.5342 • Fax: 1.800.229.4706

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Combiner

50 KHz pair

with 100 KHz spacing on either side of the pair
6.3 dB typ. in the pair.

with 150 KHz spacing on either side of the pair
5.8 dB typ. in the pair.

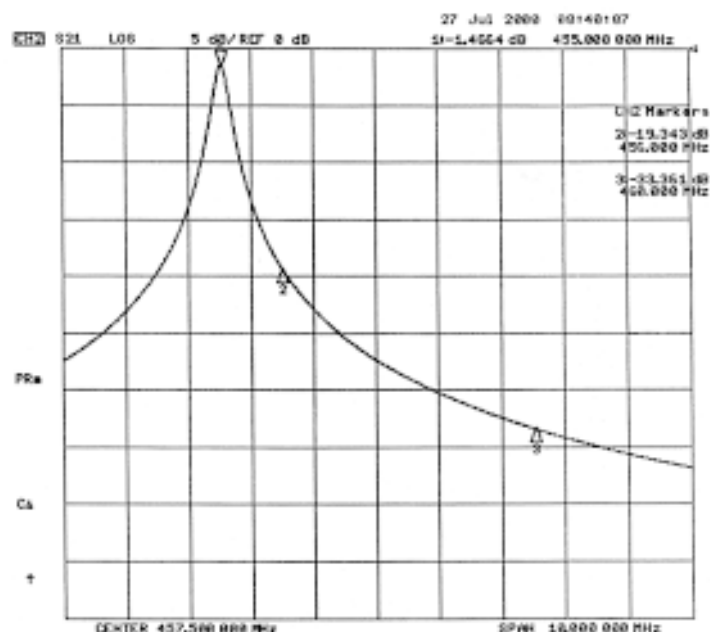
with 200 KHz spacing on either side of the pair
5.5 dB typ. in the pair.

75 KHz pair

with 100 KHz spacing on either side of the pair
5.5 dB typ. in the pair.

with 150 KHz spacing on either side of the pair
5.0 dB typ. in the pair.

with 200 KHz spacing on either side of the pair
4.8 dB typ. in the pair.



Cavity Selectivity (Noise Suppression)

Freq. Separation	Insertion Loss (Max.)								
	2 CH.	3 CH.	4 CH.	5 CH.	6 CH.	7 CH.	8 CH.	9 CH.	10 CH.
50 - <100 KHz	7.7 dB	7.9 dB	8.1 dB	8.3 dB	8.5 dB	8.7 dB	8.9 dB	9.2 dB	9.6 dB
100 - <150 KHz	4.7 dB	4.9 dB	5.1 dB	5.3 dB	5.5 dB	5.7 dB	5.9 dB	6.2 dB	6.6 dB
150 - <200 KHz	3.4 dB	3.6 dB	3.8 dB	4.0 dB	4.2 dB	4.4 dB	4.6 dB	4.9 dB	5.3 dB
200 - <300 KHz	2.7 dB	2.9 dB	3.1 dB	3.3 dB	3.5 dB	3.7 dB	3.9 dB	4.2 dB	4.6 dB
300 - <400 KHz	2.3 dB	2.4 dB	2.6 dB	2.8 dB	3.0 dB	3.2 dB	3.4 dB	3.7 dB	4.1 dB
400 - <400 KHz	2.3 dB	2.3 dB	2.3 dB	2.5 dB	2.7 dB	2.9 dB	3.1 dB	3.4 dB	3.8 dB

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