



DB4348 Series

2 to 6 Channel Tx Combiners

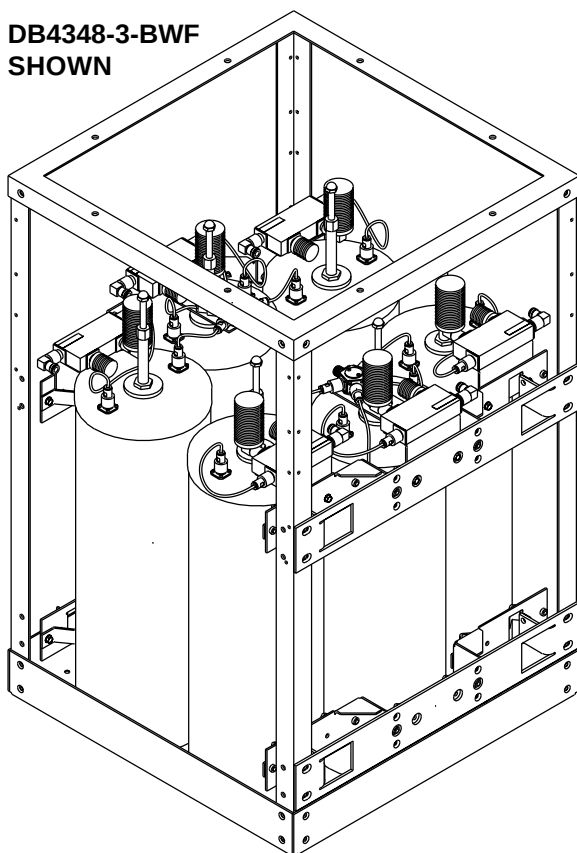
148-174 MHz

- Easy Field Tuning and Expansion
- Compact Packaging
- Maximum Performance to Size

- 2 to 6 Channel Availability
- 75 KHz Tx to Tx Spacing

Combiner

DB4348-3-BWF
SHOWN



ORDERING INFORMATION

Model Number	# of Channels
DB4348-2-BWF, CWF	2
DB4348-3-B, C	3
DB4348-4-B, C	4
DB4348-5-B, C	5
DB4348-6-B, C	6

FREQUENCY RANGES AVAILABLE-MHz

-B	148-160	-BWF	148-160
-C	160-174	-CWF	160-174

Notes: Remove "WF" from model # to order without frame.
Single and dual channel expansions are available.

Electrical

VSMR (at 50 Ohms):	1.25:1
Model Number:	See Ordering Information
Application:	Tx Combiner
Frequency Spacing:	75 KHz (min.)
Insertion Loss:	SEE TABLE ON PAGE 2.
Isolation: Tx to Tx	65 dB (min.)
Isolation: Ant to Tx	60 dB (min.)
Input Power Rating:	125 Watts

Mechanical

Mounting:	STD. 24" x 24" x 43.5" Frame 19" rack mount available.
Temp. Range:	-30° to +60° C
Connectors:	Type-N-Female
(Input/Output)	
Finish:	Tek Black
Dimensions:	24" x 31.5" x 11.5"
(W x H x D - max.)	(610 x 800 x 292 mm)
Cavity Size:	8" OD (203 mm)

8635 Stemmons Freeway • Dallas, Texas U.S.A. 75247-3701

Dallas/Ft.Worth Area Tel: 214.631.0310 • Fax: 214.631.4706

Toll Free Tel: 1.800.676.5342 • Fax: 1.800.229.4706

www.decibelproducts.com

dbtech@decibelproducts.com





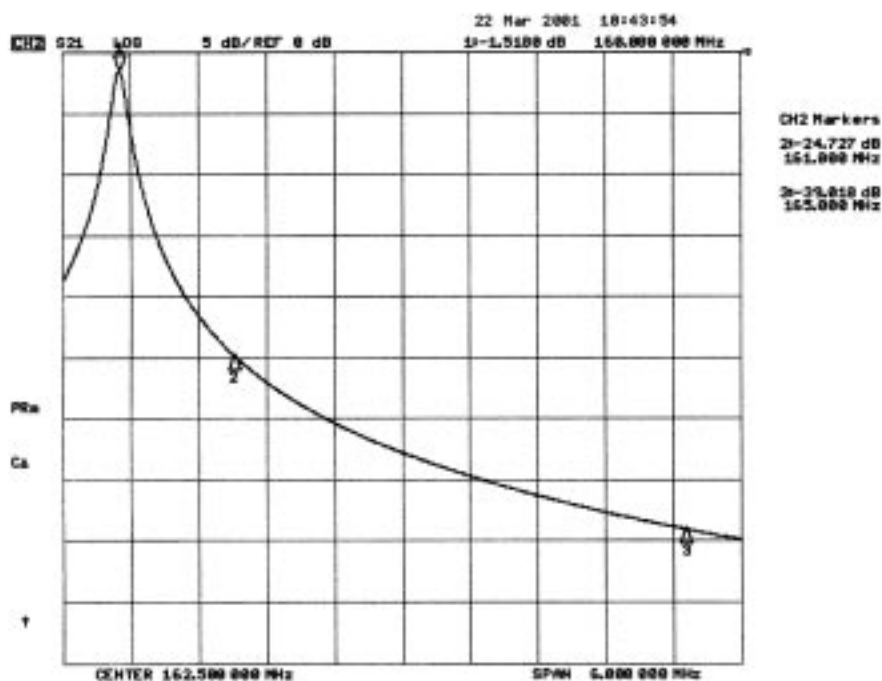
DB4348 Series

2 to 6 Channel Tx Combiners

148-174 MHz

- Easy Field Tuning and Expansion
- Compact Packaging
- Maximum Performance to Size
- 2 to 6 Channel Availability
- 75 KHz Tx to Tx Spacing

Combiner



Insertion Loss (Max.)

Freq. Separation	Number Of Channels				
	2 CH.	3 CH.	4 CH.	5 CH.	6 CH.
.075 - 0.10 MHz	4.1	4.3	4.5	4.7	4.9
0.10 - 0.15 MHz	3.3	3.5	3.7	3.9	4.1
0.15 - 0.20 MHz	2.5	2.7	2.9	3.1	3.3
0.20 MHz or greater	2.3	2.5	2.7	3.0	3.2

