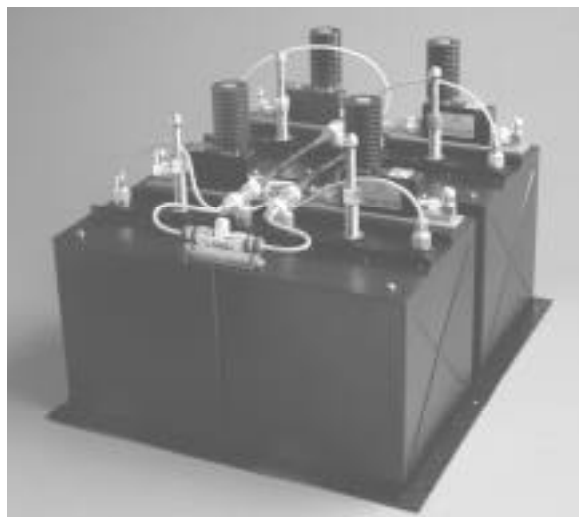
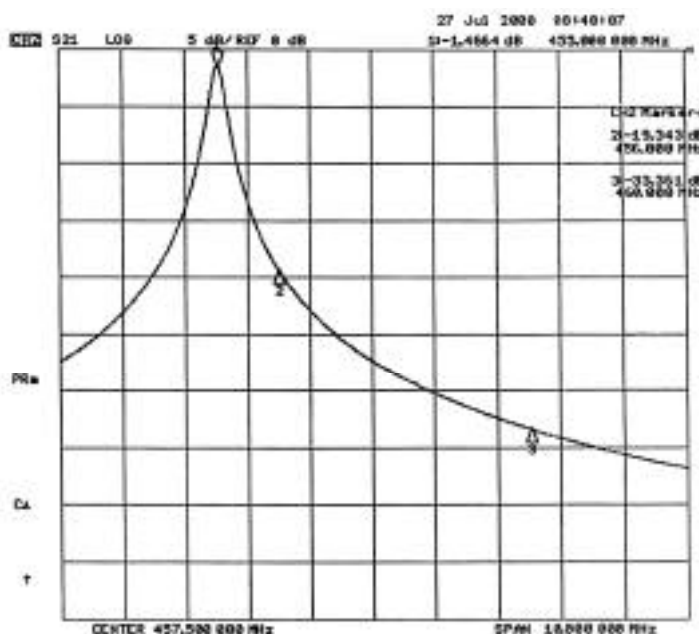


The new Decibel Products DB4368 combines 2-10 transmitters as close as 100 KHz with minimum insertion loss. They are redesigned and reconfigured to provide greater system flexibility, closer spacing of frequencies and easier field tuning for UHF MHz trunking operations.

- **Easy Field Tuning and Expansion** – Any channel can be tuned at any port! This allows channels to be added or exchanged in any arrangement, and channels can be returned in 10 minutes instead of an hour.
- **Standardization** – The combiner uses standard cavity selectivity settings and standard phasing cables for all models, allowing frequencies to be added or exchanged easily.
- **Broadband Performance** – This means more available channels!
- **Compact Packaging** – Model construction two channel in all rack space.
- **Field Tunable** – Combiners are shipped factory tuned, but can be retuned easily in the field with suitable equipment.



DB4368



#### Specifications

Frequency Range	380-512 Mhz
Frequency Separation	100 KHz
Input Return Loss	19 dB (Min.)
Ant. – Tx Isolation	50 dB (Min.)
Tx – Tx Isolation	65 dB (Min.)
Input Power	150 Watts
Temp. Range	5° C to 60° C

#### Mechanical Data

	DB4368-2
Dimensions – in. (mm)	
Height	10.5"
Width	19 Rack
Depth	15"
Connector terminations	N-Female
Finish	Decibel Tek Black™
Net weight – lbs. (kg)	98
Shipping weight – lbs. (kg)	108

#### Freq. Separation

#### Insertion Loss (Max.)

	2 CH.	3 CH.	4 CH.	5 CH.	6 CH.	7 CH.	8 CH.	9 CH.	10 CH.
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