FBP 800 & FBP 2000 & FBP 5000

FM Bandpass Cavities
Pasobanda de Cavidades FM

The cavities of the FBP series are double cavities in high "Q" quarter wave designed to reduce intermodulation among various frequencies and to eliminate spurious emissions from the transmitting unit. They are installed between the final amplifier and antenna and tuned at the factory on the working frequency. They are also suited for coupling in order to obtain diplexers for various power levels.
Las cavidades de la serie FBP son doble cavidades en cuarto de onda de alto "Q", diseñadas para reducir la intermodulación entre varias frecuencias y eliminar emisiones espureas del transmisor en función. Vienen instaladas entro el amplificador final y la antena y sintonizadas en la fábrica en la frecuencia usada. Son también aptas de ser acopladas en modo de obtener diplexores para varias potencias.

TECHNICAL SPECIFICATIONS

Models	*FBP800 & FBP2000 & FBP5000*		
Frequency range	87.5 - 108 MHz		
Bandwidth (-3dB)	800 KHz typical		
Impedance	50 Ohms		
Connectors	*FBP800:* N type	*FBP2000:* 7/8 or DIN 7/16	*FBP5000:* 7/8
Power rating	*FBP800:* 800 W	*FBP2000:* 2000 W	*FBP5000:* 5000 W
VSWR	1.1:1 typical		
Insertion loss	*FBP800:* 0.6 dB	*FBP2000:* 0.4 dB	*FBP5000:* 0.4 dB
Materials	external parts: aluminum	internal parts: silver plated copper	
Color	black		
Weight	*FBP800:* 23 Lbs (10.5 kg)	*FBP 2000:* 34 Lbs (15.5 kg)	*FBP 5000:* 77 Lbs (35 kg)
Temperature range	20° to 120°F (-8° to 50°C)		
Dimensions	*FBP800*	44"×8"×8" (1100×200×200 mm)	
	FBP2000	52"×8"×16" (1300×200×400 mm)	
	FBP5000	52"×12"×24" (1300×300×600 mm)	
Packing	*FBP800*	52"×9"×9" (1300×225×225 mm)	
	FBP2000	58"×9"×24" (1450×225×600 mm)	
	FBP5000	58"×13"×32" (1450×325×800 mm)	

2626 Southport Way Ste B • National City, CA 91950 • Tel (619) 477-6298 • Fax (619) 477-6296 • http://www.NicomUSA.com