

PCI FILTERS®

Highly Selective Bandpass Filter:

Application:

The BP-8710 highly selective bandpass filter is used to suppress strong adjacent carrier interference, maintaining superior group delay in CATV, LAN, headend, and network applications.

Features:

- ▶ Superior group delay and adjacent carrier rejection
- ▶ 5-800 MHz operating band
- ▶ Available in 19" rack or wall mount version
- ▶ "F" type connectors standard
- ▶ Custom design available upon request



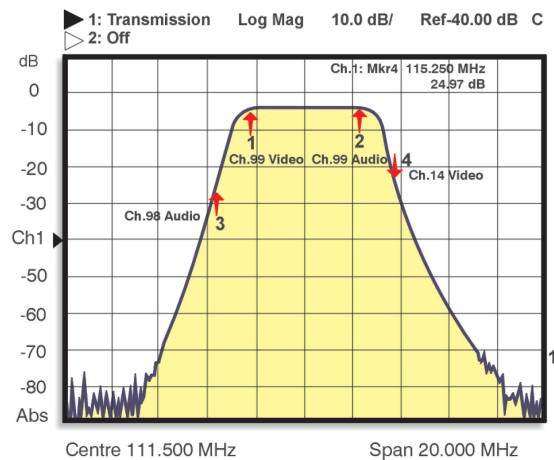
Model: BP-8710-R
Dimensions: 1.75"H x 19.0"W x 5.75"D
 (4.45H x 48.26W x 14.6D cm)



Model: BP-8710-W
Dimensions: 1.75"H x 13.0"W x 6.25"D
 (4.45H x 33.0W x 15.88D cm)

Ordering Information

Part Number	Description
BP-8710	Selective Bandpass



Technical Specifications

SPECIFICATIONS		BP-8710	
CHANNELS AVAILABLE		Any 4.5 or 6 MHz Channel 5 to 800 MHz (specify upon order)	
INSERTION LOSS		50-400 MHz < 3 dB 400-800 MHz < 5 dB	
REJECTION	LOWER ADJACENT AUDIO UPPER ADJACENT VIDEO ± 5 MHz FROM CENTER FREQUENCY ± 10 MHz FROM CENTER FREQUENCY GREATER THAN ± 10 MHz	50-400 MHz > 25 dB > 25 dB > 45 dB > 70 dB > 80 dB	400-800 MHz > 20 dB > 20 dB
GROUP DELAY		< 120 nS	
RETURN LOSS		18 dB Minimum	
TEMPERATURE RANGE		+5°C to +35°C (+41°F to +95°F)	
IMPEDANCE		75 Ohms	



Specifications subject to change without notice.

