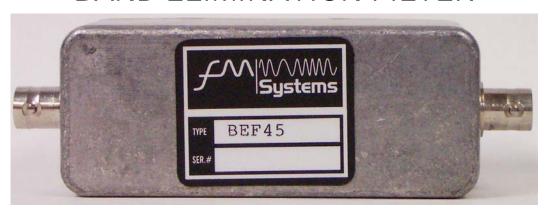
BEF45

BAND ELIMINATION FILTER



INSTRUCTION BOOK IB 6283-02

INTRODUCTION:

The BEF45 BAND ELIMINATION FILTER is a device that removes the 4.5MHz FM sub-carrier from a Composite video signal. The input is 4.5 MHz TV audio multiplexed on base-band video a (Composite Video signal) on one BNC connector. Composite video with no 4.5 MHz audio sub-carrier appears at the BNC output. This filter removes the 4.5 MHz signal by notch filtering the composite signal.

The BEF45 is ideal for removing 4.5 MHz sub-carriers from a composite Video on a microwave or other composite sources.

The BEF45 is fully RF shielded in a die cast aluminum box and is equipped with input and output BNC (female) connectors. It is a passive filter so no power source is required. Simply connect the BNC cables and your up and operating. There are no controls to adjust and no periodic maintenance is required.

INPUT SPECIFICATIONS

Impedance Signal Video Level 75 Ohms NTSC Composite Video 1 Volt p-p

VIDEO OUTPUT

Impedance
Pass-band
Chromanance Delay
Video Level

75 Ohms 4.35 MHz 60 nS 1 Volt p-p