



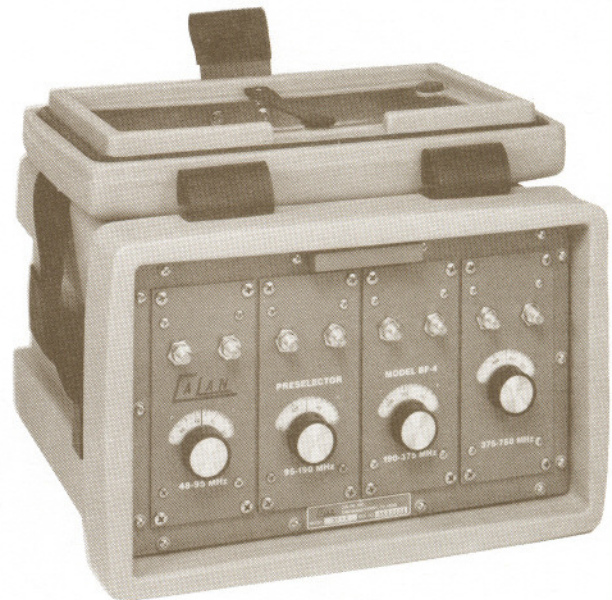
CABLE AND LOCAL AREA NETWORKS

# Model BF-4 Preselector Tuneable Bandpass Filter

## TECHNICAL DATA

### Features:

- 5 Pole design with excellent selectivity
- Rugged Packaging
- Field Replaceable "F" fittings



### Performance Specifications\*

Section Number	Frequency Range	3dB Bandwidth	Insertion Loss
1	48-95 MHz	5.0 %	1.1 dB
2	95-190 MHz	3.0 %	2.0 dB
3	190-375 MHz	1.5 %	1.8 dB
4	375-750 MHz	1.0 %	1.8 dB

**Impedance**  
75 Ohms

**Connector**  
Female type "F"  
Field Replaceable "F" fitting

**VSWR**  
1.5 : 1

**Size**  
15" X 9.5" X 15"

**Form Factor**  
30 dB: 3 dB 2.0:1  
50 dB: 3 dB 3.5:1

**Weight**  
28 pounds

**Maximum Input Power**  
60 watts

### Product Usage

The CALAN model BF-4 is designed to supplement the CALAN 1776 spectrum analyzer when making low level distortion measurements in the presence of other high level carriers. The BF-4 extends the dynamic range of distortion measurement functions. The undesired adjacent carriers are attenuated, eliminating the distortion products which are created within the spectrum analyzer. The adjacent carriers 6 MHz away are attenuated from 25 to more than 50 dB below the level of the desired carrier.

*\*All Specifications are typical and subject to change without notice.*