



# TECHNICAL SPECIFICATIONS

FBV-6C-7500

SATCOM BANDPASS FILTER

- LOW INSERTION LOSS
- HIGH REJECTION
- SMALL SIZE
- LOW RIPPLE
- 2-15 SECTIONS
- 0.25-25% BAND WIDTH

## BAND PASS FILTERS

The FBV series of Bandpass Filters provides the highest performance in a miniature package. These units are available to cover the frequency band of from 1.0 to 18.0 GHz and are available with 2 to 15 Sections. They are designed from computer derived tables and employ modern network techniques in the analysis. The units achieve the highest Q by incorporating precious metal plating and can be supplied with various types and positions of both the input and output connectors. These filters are ideally suited for pre-selectors and are used wherever elimination of unwanted frequencies is required.

### SPECIFICATIONS

FREQUENCY RANGE	-	1.0 to 18.0 GHz
BAND WIDTH @ 1dB	-	0.25 % to 25 %
VSWR	-	1.5 max.
NUMBER OF SECTIONS	-	2-15
CONNECTORS	-	SMA Female (typ.)
INSERTION LOSS	-	0.5 dB to 5.0 dB (typ.)
TEMPERATURE	-	-40 °C to +85° C
SIZE	-	H x W x L

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