

# Bandpass Filter

## SMT

BFCN-ED13661/10

**Important Note**

This model has been designed, built and tested in our engineering department. Performance data represents model capability.  
At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

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CASE STYLE : FV1206-4

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C							
Parameters		F#	Frequency (MHz)	Min.	Typ.	Max.	Units
Pass Band	Center Frequency				8350		MHz
	Insertion Loss	F1-F2	8250-8450		1.8	3.5	dB
	VSWR	F1-F2	8250-8450		1.4		:1
Stop Band, Lower	Insertion Loss	DC-F5	DC-7200	15	20		dB
		F5-F3	7200-7400		25		dB
	VSWR	DC-F3	DC-7400		30		:1
Stop Band, Upper	Insertion Loss	F4-F6	9600-9700		25		dB
		F6-F7	9700-15000	15	20		dB
	VSWR	F4-F7	9600-15000		30		:1

MAXIMUM RATINGS	
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input*	2W max. @ 25°C

\*Passband rating, derate linearly to 0.5W at 100°C ambient

PIN CONNECTIONS	
RF IN	1
RF OUT	3
GROUND	2,4

**Functional Schematic**