

Datasheet

n257 Band Pass Filter

26.5 to 29.5 GHz

FT-BPF-n257-C



The FT-BPF-n257-C is one of our high frequency band pass filter designed to meet the requirement of low insertion loss and high rejections. The module is designed and packaged in custom miniaturized connectorized package. It is ideal for use in 5G communication, SATCOM or radar applications.

Features

- Low insertion loss
- Excellent return loss
- High stopband rejection
- Compact connectorized package design
- RoHS Compliant



Figure 1. Photo of Filter

Electrical Specifications

Parameter	Condition	Min	Typ	Max	Units
Passband	---	26.5	---	29.5	GHz
Passband Insertion Loss	---	---	4.2	---	dB
Rejection	0 to 24 GHz	---	30	---	dB
	31 to 36 GHz	---	40	---	dB
Passband Return Loss	---	---	12.4	---	dB

Typical Performance

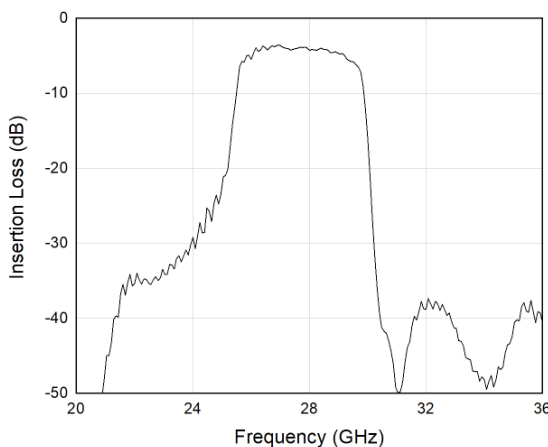


Figure 2. Insertion Loss

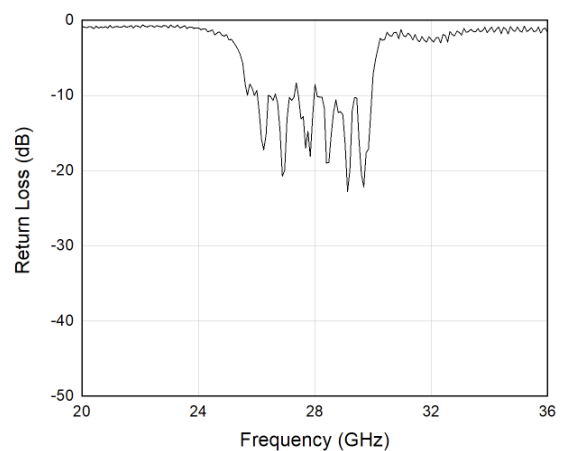


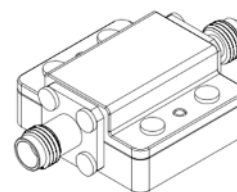
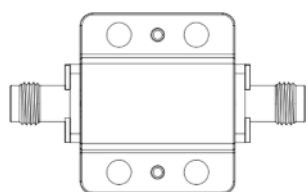
Figure 3. Return Loss

Package Details



Connectorized Package

Module	Connector Type	Length	Width	Height	Unit
FT-BPF-n257-C	2.92 mm female	47.78	29.33	13.74	mm



ISOMETRIC VIEW

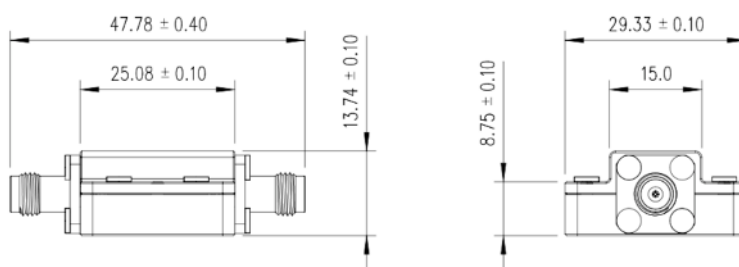


Figure 4. Outline Dimension of Filter