TMYTEK

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	Тур	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