



Bandpass Waveguide Filter With WR-42 Interface
And a Pass Band From 24.25 GHz to 24.45 GHz

TECHNICAL DATA SHEET

PE-W42F002

Configuration

Design	Dual Filter
Passband	Band Pass
Number of Sections	5
Connector 1	WR-42
Connector 2	WR-42

Electrical Specifications (Values at 25°C, sea level)

Description	Minimum	Typical	Maximum	Units
Passband Frequency Range	24.25	-	24.45	GHz
Secondary Frequency Range	25.05		25.25	GHz
Insertion Loss			1.5	dB
Passband VSWR			1.8:1	
Input Power			5	Watts
Dual Channel Rejection	50			dB

Mechanical Specifications

Size	
Length	4.8 in [121.92 mm]
Width	1.04 in [26.42 mm]
Height	0.88 in [22.35 mm]

Connector 1	
Type	WR-42

Connector 2	
Type	WR-42

Connector 3	
Type	WR-42

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

Plotted and Other Data

Notes:

- Values at 25 °C, sea level
- Co-Channel Rejection: 50 dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Bandpass Waveguide Filter With WR-42 Interface And a Pass Band From 24.25 GHz to 24.45 GHz PE-W42F002](#)

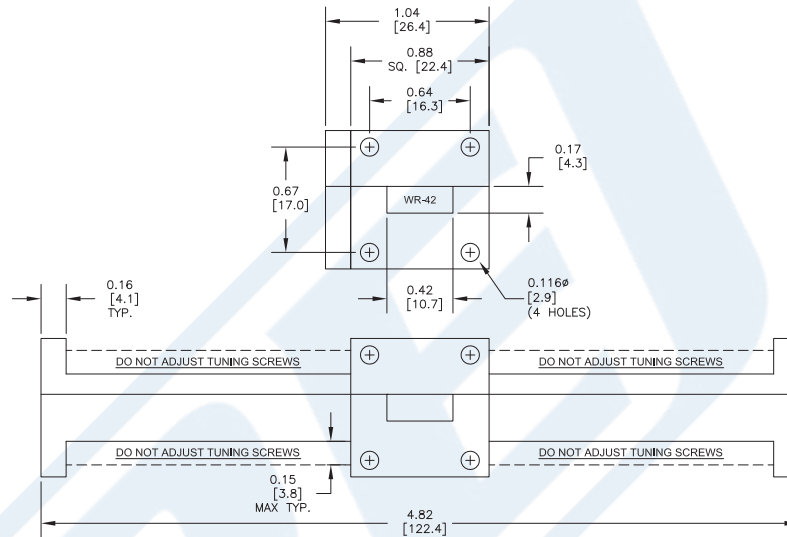


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Outline Drawing



Bandpass Waveguide Filter With WR-42 Interface And a Pass Band From 24.25 GHz to 24.45 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Bandpass Waveguide Filter With WR-42 Interface And a Pass Band From 24.25 GHz to 24.45 GHz PE-W42F002](http://www.pasternack.com/bandpass-waveguide-filter-wr-42-pass-band-24.25-24.45-ghz-pe-w42f002-p.aspx)

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