



Bandpass Waveguide Filter With WR-42 Interface  
And a Pass Band From 25.05 GHz to 25.25 GHz

TECHNICAL DATA SHEET

PE-W42F003

**Configuration**

Passband	Band Pass
Connector 1	WR-42
Connector 2	WR-42

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

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

**Mechanical Specifications**

**Size**

Length	2.2 in [55.88 mm]
Width	0.88 in [22.35 mm]
Height	0.88 in [22.35 mm]

**Connector 1**

Type	WR-42
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**Connector 2**

Type	WR-42
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**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant

**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

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 25.05 GHz to 25.25 GHz PE-W42F003](#)



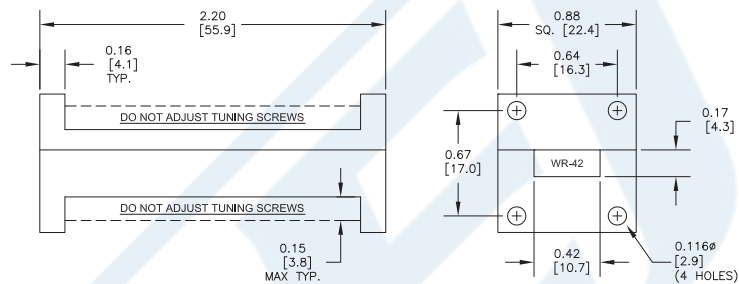


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Outline Drawing



Bandpass Waveguide Filter With WR-42 Interface And a Pass Band From 25.05 GHz to 25.25 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 25.05 GHz to 25.25 GHz PE-W42F003](http://www.pasternack.com/bandpass-waveguide-filter-wr-42-pass-band-25.05-25.25-ghz-pe-w42f003-p.aspx)

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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.