



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

TECHNICAL DATA SHEET

PE-W42F004

**Configuration**

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
Insertion Loss			1	dB
Passband VSWR			1.5:1	
Input Power			5	Watts
Rejection at 25.05 GHz	50			dB
Rejection at 25.25 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

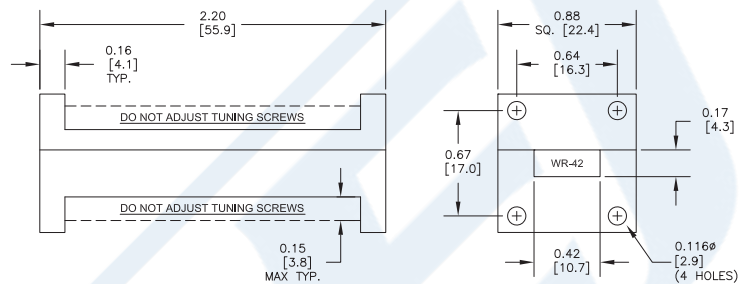
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Bandpass Waveguide Filter With WR-42 Interface And a Pass Band From 24.25 GHz to 24.45 GHz PE-W42F004](#)



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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-W42F004](http://www.pasternack.com/bandpass-waveguide-filter-wr-42-pass-band-24.25-24.45-ghz-pe-w42f004-p.aspx)

URL: <http://www.pasternack.com/bandpass-waveguide-filter-wr-42-pass-band-24.25-24.45-ghz-pe-w42f004-p.aspx>

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