



8 Section Bandpass Filter With SMA Female Connectors  
Operating From 7.25 GHz to 7.75 GHz With a 500 MHz Passband

TECHNICAL DATA SHEET

PE8741

**Configuration**

Design	Combine Filter
Connector 1	SMA Female
Connector 2	SMA Female
Passband Frequency Range, GHz	7.25 to 7.75

**Electrical Specifications**

Passband Minimum Frequency	7.25 GHz
Passband Maximum Frequency	7.75 GHz
Maximum Insertion Loss	1.75 dB
Passband Maximum VSWR	1.5:1
Maximum Input Power	5 Watts
Rejection at 7.9 GHz	30 dB
Rejection at 8.4 GHz	30 dB

**Mechanical Specifications**

<b>Size</b>	
Length	3.69 in [93.73 mm]
Width	0.56 in [14.22 mm]
Height	0.53 in [13.46 mm]

<b>Connector 1</b>	
Type	SMA Female

<b>Connector 2</b>	
Type	SMA Female

**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: [8 Section Bandpass Filter With SMA Female Connectors Operating From 7.25 GHz to 7.75 GHz With a 500 MHz Passband PE8741](#)



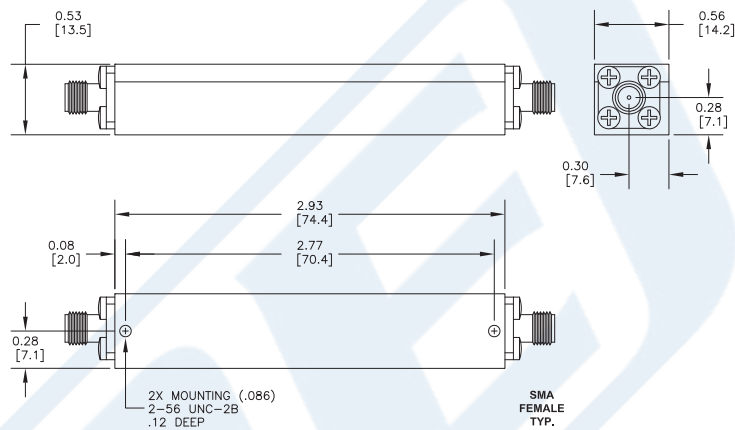


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Outline Drawing



8 Section Bandpass Filter With SMA Female Connectors Operating From 7.25 GHz to 7.75 GHz With a 500 MHz Passband 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: [8 Section Bandpass Filter With SMA Female Connectors Operating From 7.25 GHz to 7.75 GHz With a 500 MHz Passband PE8741](http://www.pasternack.com/8-section-band-pass-filter-7.25-7.75-ghz-passband-500-mhz-pe8741-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.