**5 Section Tunable Band Pass Filter With N Female Connectors Operating From 250 MHz to 500 MHz With a 5% Bandwidth**

**Technical Data Sheet**

**Configuration**
- **Design**: Tunable Filter
- **Connector 1**: N Female
- **Connector 2**: N Female

**Electrical Specifications**
- **Useable Frequency Range, MHz**: 250 to 500
- **Nominal Bandwidth, %**: 5
- **30 dB / 3 dB Ratio**: 2.2:1
- **50 dB / 3 dB Ratio**: 3.5:1
- **Tuning Dial Accuracy, %**: 1
- **Maximum VSWR**: 1.5:1
- **Maximum Insertion Loss, dB**: 1
- **Impedance, Ohms**: 50
- **Maximum Input Power, Watts**: 50

**Mechanical Specifications**
- **Temperature**
  - **Operating Range, deg C**: -55 to +85
  - **Storage Range, deg C**: -55 to +125
- **Size**
  - **Length, in [mm]**: 9.6 [243.84]
  - **Width, in [mm]**: 2.75 [69.85]
  - **Height, in [mm]**: 5.4 [137.16]
- **Connector 1**
  - **Type**: N Female

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 5 Section Tunable Band Pass Filter With N Female Connectors Operating From 250 MHz to 500 MHz With a 5% Bandwidth PE8729

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.
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### TECHNICAL DATA SHEET

<table>
<thead>
<tr>
<th>Connector 2</th>
<th></th>
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<tbody>
<tr>
<td><strong>Type</strong></td>
<td>N Female</td>
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**Compliance Certifications** (visit www.Pasternack.com for current document)

- RoHS Compliant: Yes

**Plotted and Other Data**

**Notes:**

Values at 25 °C, sea level

5 Section Tunable Band Pass Filter With N Female Connectors Operating From 250 MHz to 500 MHz With a 5% Bandwidth from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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