



## 5 Section Highpass Filter With SMA Female Connectors Operating From 100 MHz To 750 MHz With a 650 MHz Passband

### TECHNICAL DATA SHEET

PE8716

#### 5 Section Highpass Filter With SMA Female Connectors Operating From 100 MHz To 750 MHz With a 650 MHz Passband

##### Configuration

|                               |            |
|-------------------------------|------------|
| Connector 1                   | SMA Female |
| Connector 2                   | SMA Female |
| Passband Frequency Range, MHz | 100 to 750 |

##### Electrical Specifications

|                                 |           |
|---------------------------------|-----------|
| Passband Minimum Frequency, MHz | 100       |
| Passband Maximum Frequency, MHz | 750       |
| Useable Frequency Range, MHz    | DC to 750 |
| Impedance, Ohms                 | 50        |
| Maximum Insertion Loss, dB      | 1         |
| Passband Maximum VSWR           | 2:1       |
| Maximum Input Power, Watts      | 5         |
| Rejection at 50 MHz             | 60 dB     |
| Rejection at 66 MHz             | 40 dB     |

##### Mechanical Specifications

###### Size

|                 |              |
|-----------------|--------------|
| Length, in [mm] | 1.7 [43.18]  |
| Width, in [mm]  | 0.75 [19.05] |
| Height, in [mm] | 0.65 [16.51] |

###### Connector 1

|      |            |
|------|------------|
| Type | SMA Female |
|------|------------|

###### Connector 2

|      |            |
|------|------------|
| Type | SMA Female |
|------|------------|

##### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

|                |     |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

##### Plotted and Other Data

|        |                            |
|--------|----------------------------|
| Notes: | Values at 25 °C, sea level |
|--------|----------------------------|

URL: <http://www.pasternack.com/5-section-high-pass-filter-100-mhz-750-mhz-passband-650-mhz-pe8716-p.aspx>

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