



50 Ohm 4 Way N Power Divider From 2 MHz  
to 500 MHz Rated at 1 Watts

TECHNICAL DATA SHEET

PE2045

50 Ohm 4 Way N Power Divider From 2 MHz to 500 MHz Rated at 1 Watts

**Configuration**

|                        |          |
|------------------------|----------|
| Input Connector        | N Female |
| Frequency Range, MHz   | 2 to 500 |
| Number of Output Ports | 4        |

**Electrical Specifications**

|                            |          |
|----------------------------|----------|
| Frequency Range, MHz       | 2 to 500 |
| Impedance, Ohms            | 50       |
| Maximum Insertion Loss, dB | 1.5      |
| Maximum Input Power, Watts | 1        |
| Maximum Input VSWR         | 1.35:1   |
| Minimum Isolation, dB      | 22       |
| Phase Balance, Degrees     | ± 3      |
| Flatness, dB               | 0.4      |

**Mechanical Specifications**

**Size**

|                 |              |
|-----------------|--------------|
| Length, in [mm] | 3.44 [87.38] |
| Width, in [mm]  | 3.23 [82.04] |
| Height, in [mm] | 0.93 [23.62] |

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

|                 |            |
|-----------------|------------|
| RoHS Compliant  | Yes        |
| REACH Compliant | 06/18/2012 |

**Plotted and Other Data**

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

50 Ohm 4 Way N Power Divider From 2 MHz to 500 MHz Rated at 1 Watts 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.

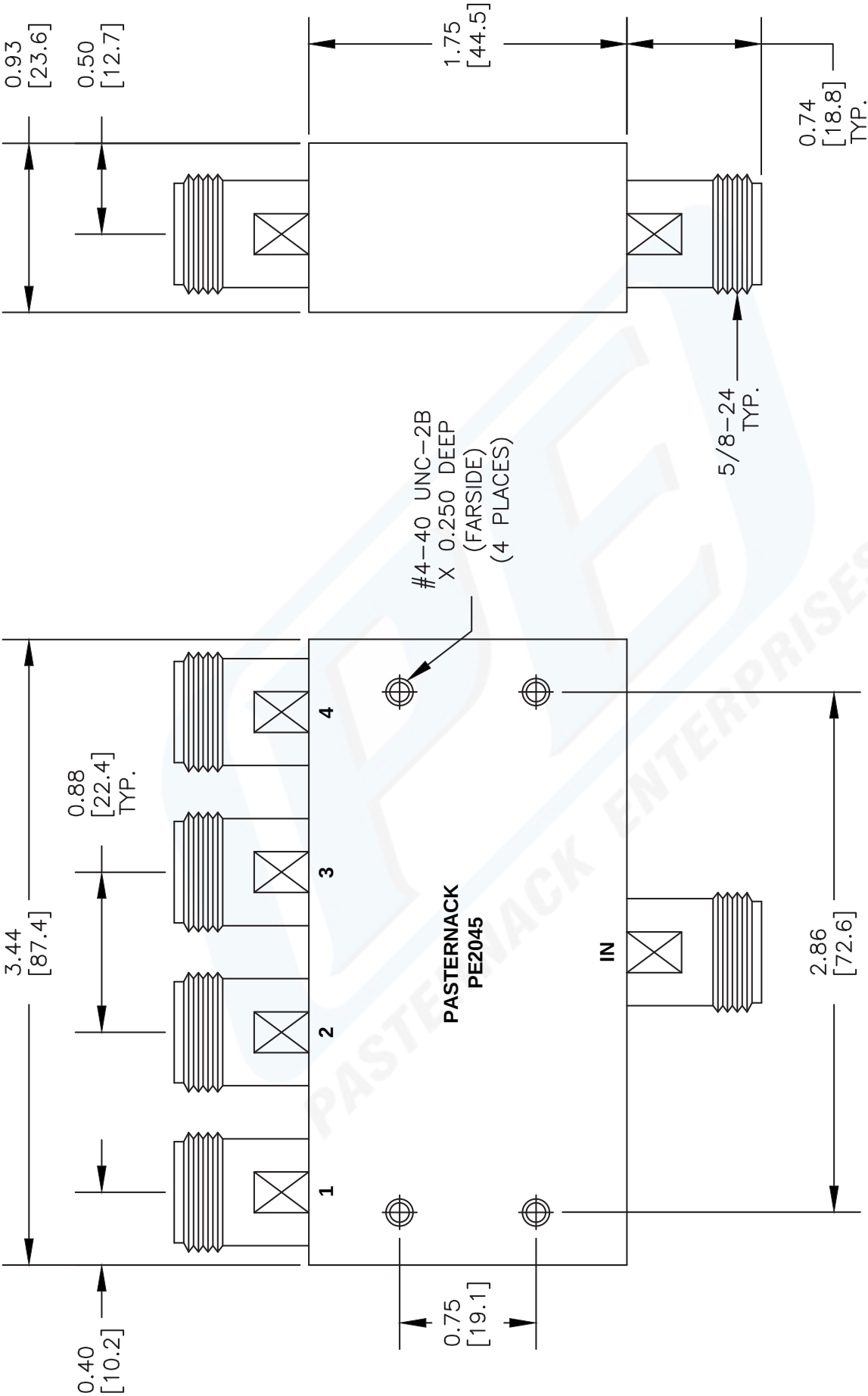
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm 4 Way N Power Divider From 2 MHz to 500 MHz Rated at 1 Watts PE2045](http://www.pasternack.com/4-way-n-reactive-power-divider-2-500-mhz-1-watts-pe2045-p.aspx)

URL: <http://www.pasternack.com/4-way-n-reactive-power-divider-2-500-mhz-1-watts-pe2045-p.aspx>

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.

PE2045 CAD Drawing

50 Ohm 4 Way N Power Divider From 2 MHz to 500 MHz Rated at 1 Watts



NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].

|           |                |                 |           |
|-----------|----------------|-----------------|-----------|
| DWG TITLE | PE2045         |                 |           |
|           | FSCM NO. 53919 | CAD FILE 120406 | SCALE N/A |
|           |                |                 | SIZE A    |
|           |                |                 | 127       |



**PASTERNAK**  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)