



50 Ohm 8 Way SMA Wilkinson Power Divider
From 500 MHz to 2 GHz Rated at 30 Watts

TECHNICAL DATA SHEET

PE2086

50 Ohm 8 Way SMA Wilkinson Power Divider From 500 MHz to 2 GHz Rated at 30 Watts

Configuration

| | |
|------------------------|------------|
| Input Connector | SMA Female |
| Output Connectors | SMA Female |
| Frequency Range, GHz | 0.5 to 2 |
| Design | Wilkinson |
| Number of Output Ports | 8 |

Electrical Specifications

| | |
|----------------------------|----------|
| Frequency Range, GHz | 0.5 to 2 |
| Impedance, Ohms | 50 |
| Maximum Insertion Loss, dB | 1.5 |
| Maximum Input Power, Watts | 30 |
| Maximum Input VSWR | 1.4:1 |
| Maximum Output VSWR | 1.3:1 |
| Minimum Isolation, dB | 20 |
| Phase Balance, Degrees | ± 4 |
| Flatness, dB | 0.4 |

Mechanical Specifications

Temperature

| | |
|------------------------|-------------|
| Operating Range, deg C | -55 to +85 |
| Storage Range, deg C | -55 to +100 |

Size

| | |
|-----------------|---------------|
| Length, in [mm] | 4.06 [103.12] |
| Width, in [mm] | 4.25 [107.95] |
| Height, in [mm] | 0.39 [9.91] |

Compliance Certifications (visit www.Pasternack.com for current document)

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

Plotted and Other Data

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

50 Ohm 8 Way SMA Wilkinson Power Divider From 500 MHz to 2 GHz Rated at 30 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 8 Way SMA Wilkinson Power Divider From 500 MHz to 2 GHz Rated at 30 Watts PE2086](http://www.pasternack.com/8-way-sma-wilkinson-power-divider-500-mhz-2-ghz-30-watts-pe2086-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.

PE2086 CAD Drawing

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