

## Engineering Development Model

# Power Splitter/Combiner

### 4 Way-0°

## ZB4PD-ED14430/1

### Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

Please click "Back", and then click "Contact Us" for Applications support.



CASE STYLE : UU182

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C |              |      |      |       |
|---------------------------------------|--------------|------|------|-------|
| Parameter                             | Min.         | Typ. | Max. | Units |
| Frequency                             | 600          |      | 2600 | MHz   |
| Isolation                             | 600-2600 MHz | 20   |      | dB    |
|                                       | 800-2400 MHz | 24   |      | dB    |
| Insertion Loss Above 6.0 dB           | 600-2600 MHz | 0.90 |      | dB    |
| Phase Unbalance                       | 600-2600 MHz | 1.50 |      | deg.  |
| Amplitude Unbalance                   | 600-2600 MHz | 0.20 |      | dB    |
| VSWR                                  | SUM Port     | 1.38 |      | (:1)  |
|                                       | OUT Ports    | 1.25 |      | (:1)  |

| MAXIMUM RATINGS       |                |
|-----------------------|----------------|
| Operating Temperature | -55°C to 100°C |
| Storage Temperature   | -55°C to 100°C |

| COAXIAL CONNECTIONS |   |
|---------------------|---|
| SUM PORT            | S |
| PORT 1              | 1 |
| PORT 2              | 2 |
| PORT 3              | 3 |
| PORT 4              | 4 |

### Functional Diagram



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site  
The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: [www.minicircuits.com](http://www.minicircuits.com)

IF/RF MICROWAVE COMPONENTS



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