

## Engineering Development Model

# Power Splitter/Combiner

### 6 Way-0°

## ZB6PD-ED10590/1

### 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.



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CASE STYLE : Z41

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C |                |      |       |            |
|---------------------------------------|----------------|------|-------|------------|
| Parameter                             |                | Min. | Typ.  | Max. Units |
| Frequency                             |                | 600  |       | 1200 MHz   |
| Isolation                             | 600 - 1200 MHz |      | 35    | dB         |
| Insertion Loss Above 7.8 dB           | 600 - 1200 MHz |      | 0.60  | dB         |
| Amplitude Unbalance                   | 600 - 1200 MHz |      | 0.256 | dB         |
| VSWR                                  | SUM Port       |      | 1.30  | (:1)       |
|                                       | OUT Ports      |      | 1.30  | (:1)       |

| MAXIMUM RATINGS       |                |
|-----------------------|----------------|
| Operating Temperature | -55°C to 85°C  |
| Storage Temperature   | -55°C to 100°C |

| PIN CONNECTIONS |   |
|-----------------|---|
| SUM PORT        | S |
| PORT 1          | 1 |
| PORT 2          | 2 |
| PORT 3          | 3 |
| PORT 4          | 4 |
| PORT 5          | 5 |
| PORT 6          | 6 |

### Functional Diagram

