

## Engineering Development Model

# Power Splitter/Combiner

## 8 Way-0°

# ZB8PD-ED10690/1

### 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.



SMA version shown

CASE STYLE : Z41

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C |                |      |      |            |
|---------------------------------------|----------------|------|------|------------|
| Parameter                             |                | Min. | Typ. | Max. Units |
| Frequency                             |                | 780  |      | 1000 MHz   |
| Isolation                             | 780 - 1000 MHz |      | 31   | dB         |
| Insertion Loss Above 9.0 dB           | 780 - 1000 MHz |      | 0.50 | dB         |
| Phase Unbalance                       | 780 - 1000 MHz |      | 2.45 | deg.       |
| Amplitude Unbalance                   | 780 - 1000 MHz |      | 0.35 | dB         |
| VSWR                                  | SUM Port       |      | 1.20 | (:1)       |
|                                       | OUT Ports      |      | 1.00 | (:1)       |

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

| PIN CONNECTIONS      |                 |
|----------------------|-----------------|
| SUM PORT             | S               |
| PORT 1,2,3,4,5,6,7,8 | 1,2,3,4,5,6,7,8 |

### Functional Diagram

