

## Engineering Development Model

# Power Splitter/Combiner

### 16 Way-0°

## ZC16PD-ED12956/1

### 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 : UU179

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C |                 |      |       |            |
|---------------------------------------|-----------------|------|-------|------------|
| Parameter                             |                 | Min. | Typ.  | Max. Units |
| Frequency                             |                 | 10   |       | 2500 MHz   |
| Isolation                             | 10 - 100 MHz    |      | 23    | dB         |
|                                       | 100 - 1250 MHz  |      | 17    | dB         |
|                                       | 1250 - 2500 MHz |      | 16    | dB         |
|                                       | 10 - 100 MHz    |      | 1.50  | dB         |
|                                       | 100 - 1250 MHz  |      | 2.50  | dB         |
|                                       | 1250 - 2500 MHz |      | 5.00  | dB         |
| Phase Unbalance                       | 10 - 100 MHz    |      | 0.317 | deg.       |
|                                       | 100 - 1250 MHz  |      | 2.394 | deg.       |
|                                       | 1250 - 2500 MHz |      | 9.342 | deg.       |
| Amplitude Unbalance                   | 10 - 100 MHz    |      | 0.245 | dB         |
|                                       | 100 - 1250 MHz  |      | 0.229 | dB         |
|                                       | 1250 - 2500 MHz |      | 0.416 | dB         |
| VSWR                                  | SUM Port        |      | 1.60  | (:1)       |
|                                       | OUT Ports       |      | 1.40  | (:1)       |

| MAXIMUM RATINGS       |                |
|-----------------------|----------------|
| Operating Temperature | -40°C to 85°C  |
| Storage Temperature   | -55°C to 100°C |

### Functional Diagram

