

## Engineering Development Model

# Power Splitter/Combiner RACK-3-ED10666A/2

### 3 Way-0°

#### 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 : 99-01-940

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C |                |      |      |            |
|---------------------------------------|----------------|------|------|------------|
| Parameter                             |                | Min. | Typ. | Max. Units |
| Frequency                             |                | 700  |      | 1125 MHz   |
| Isolation                             | 700 - 1125 MHz |      | 10   | dB         |
| Insertion Loss Above 4.8 dB           | 700 - 1125 MHz |      | 0.1  | dB         |
| Phase Unbalance                       | 700 - 1125 MHz |      | 0.3  | deg.       |
| Amplitude Unbalance                   | 700 - 1125 MHz |      | 0.1  | dB         |
| VSWR                                  | SUM Port       |      | 1.27 | (:1)       |
|                                       | OUT Ports      |      | 5.00 | (:1)       |

| MAXIMUM RATINGS       |               |
|-----------------------|---------------|
| Operating Temperature | -5°C to 85°C  |
| Storage Temperature   | -40°C to 85°C |

| PIN CONNECTIONS |                  |
|-----------------|------------------|
| SUM PORT        | J1, N-TYPE, JACK |
| PORT 1          | J3, SMA, PLUG    |
| PORT 2          | J4, SMA, PLUG    |
| PORT 3          | J5, SMA, PLUG    |

#### Functional Diagram

