

Engineering Development Model

Power Splitter/Combiner 4 Way-0°

ZFSCDC-ED13100B/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 : 99-01-1271

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C | | | | |
|---------------------------------------|-------------|------|------|------------|
| Parameter | | Min. | Typ. | Max. Units |
| Frequency | | 1 | | 700 MHz |
| Isolation | 1-10 MHz | | 42 | dB |
| | 10-350 MHz | | 36 | dB |
| | 350-700 MHz | | 34 | dB |
| Insertion Loss Above 6.0 dB | 1-10 MHz | | 0.45 | dB |
| | 10-350 MHz | | 0.50 | dB |
| | 350-700 MHz | | 0.90 | dB |
| Phase Unbalance | 1-10 MHz | | 0.02 | deg. |
| | 10-350 MHz | | 0.40 | deg. |
| | 350-700 MHz | | 1.80 | deg. |
| Amplitude Unbalance | 1-10 MHz | | 0.01 | dB |
| | 10-350 MHz | | 0.02 | dB |
| | 350-700 MHz | | 0.04 | dB |
| VSWR | SUM Port | | 1.15 | (:1) |
| | OUT Ports | | 1.00 | (:1) |

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

| COAXIAL CONNECTIONS | |
|---------------------|----|
| SUM PORT | J5 |
| PORT 1 | J1 |
| PORT 2 | J2 |
| PORT 3 | J3 |
| PORT 4 | J4 |
| COUPLED | J6 |

electrical schematic



P.O. Box 350168, Brooklyn, New York 11235-0000 (718) 934-4500 Fax (718) 332-4951 For detailed performance specs & shopping online see Mini-Circuits web site



The Design Engineers Search Engine Provides ACTUAL Data Instantly From MNK-CIRCUITS At: www.minicircuits.com

IR/RF MICROWAVE COMPONENTS



REV. X1

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