

Engineering Development Model

Power Splitter/Combiner

4 Way-0°

ZMSC-ED13819/1

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 : N24

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C | | | | | |
|---------------------------------------|--------------|------|------|------|-------|
| Parameter | | Min. | Typ. | Max. | Units |
| Frequency | | 5 | | 1500 | MHz |
| Isolation | 5-50 MHz | | 42 | | dB |
| | 50-750 MHz | | 27 | | dB |
| | 750-1500 MHz | | 21 | | dB |
| Insertion Loss Above 6.0 dB | 5-50 MHz | | 0.40 | | dB |
| | 50-750 MHz | | 0.65 | | dB |
| | 750-1500 MHz | | 1.40 | | dB |
| Phase Unbalance | 5-50 MHz | | 0.65 | | deg. |
| | 50-750 MHz | | 0.70 | | deg. |
| | 750-1500 MHz | | 2.20 | | deg. |
| Amplitude Unbalance | 5-50 MHz | | 0.25 | | dB |
| | 50-750 MHz | | 0.20 | | dB |
| | 750-1500 MHz | | 0.25 | | dB |
| VSWR | SUM Port | | 1.08 | | (:1) |
| | OUT Ports | | 1.13 | | (:1) |

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

| COAXIAL CONNECTIONS | |
|---------------------|---|
| SUM PORT | S |
| PORT 1 | 1 |
| PORT 2 | 2 |
| PORT 3 | 3 |
| PORT 4 | 4 |

Functional Diagram

