

Engineering Development Model

Power Splitter/Combiner

8 Way-0°

ZCSC-ED12715/1

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 : UU215

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C | | | | |
|---------------------------------------|----------------|------|-------|------------|
| Parameter | | Min. | Typ. | Max. Units |
| Frequency | | 0.3 | | 1600 MHz |
| Isolation | 0.3 - 3 MHz | | 52 | dB |
| | 3 - 800 MHz | | 54 | dB |
| | 800 - 1600 MHz | | 48 | dB |
| Insertion Loss Above 9.0 dB | 0.3 - 3 MHz | | 10.93 | dB |
| | 3 - 800 MHz | | 10.82 | dB |
| | 800 - 1600 MHz | | 12.81 | dB |
| Phase Unbalance | 0.3 - 3 MHz | | 3.816 | deg. |
| | 3 - 800 MHz | | 1.523 | deg. |
| | 800 - 1600 MHz | | 5.545 | deg. |
| Amplitude Unbalance | 0.3 - 3 MHz | | 0.921 | dB |
| | 3 - 800 MHz | | 0.454 | dB |
| | 800 - 1600 MHz | | 0.337 | dB |
| VSWR | SUM Port | | 1.30 | (:1) |
| | OUT Ports | | 1.30 | (:1) |

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

Functional Diagram

