

Engineering Development Model

Power Splitter/Combiner

JYPS-ED11697/1

2 Way-180°

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 : BJ293

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C | | | | |
|---------------------------------------|-----------|------|-------|------------|
| Parameter | | Min. | Typ. | Max. Units |
| Frequency | | 500 | | 2300 MHz |
| Isolation | 500-2300 | | 19 | dB |
| Insertion Loss Above 3 dB | 500-2300 | | 1.30 | dB |
| Phase Unbalance | 500-2300 | | 0.500 | deg. |
| Amplitude Unbalance | 500-2300 | | 0.300 | dB |
| VSWR | SUM Ports | | 1.34 | (:1) |
| | OUT Ports | | 1.25 | (:1) |

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

| PIN CONNECTIONS | |
|-----------------|-----------|
| SUM PORT | 1 |
| PORT 1 | 4 |
| PORT 2 | 5 |
| GND EXT | 2,3,6,7,8 |
| CASE GND | 2,3,6,7,8 |

Functional Diagram



P.O. Box 350188, Brooklyn, New York 11235-0000 (718) 934-4500 Fax (718) 332-4851 For detailed performance specs & shopping online see Mini-Circuits web site



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IF/RF MICROWAVE COMPONENTS



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