

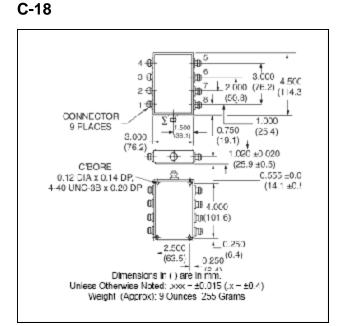


Broadband Eight -Way Power Divider, 20 - 2000 MHz

Features

- Two-Decade Frequency Range
- High Isolation 20 dB Min
- Typical Midband VSWR 1.2:1





Guaranteed Specifications: From -55°C to +85°C

Frequency Range		20-2000 MHz
Insertion Loss (less coupling)	20-600 MHz 600-1000 MHz 1000-2000 MHz	1.0 dB Max 1.4 dB Max 3.0 dB Max
Isolation		20 dB Min
Amplitude Balance	20-600 MHz 600-1000 MHz 1000-2000 MHz	0.6 dB Max 0.6 dB Max 1.2 dB Max
Phase Balance	20-600 MHz 600-1000 MHz 1000-2000 MHz	5° Max 5° Max 15° Max
VSWR (All Ports)	20-60 MHz 60-600 MHz 600-1000 MHz 1000-2000 MHz	1.7:1 Max 1.4:1 Max 2.0:1 Max 2.0:1 Max

- ADVANCED: Data Sheets contain information regarding a product M/A-COM Technology Solutions is considering for development. Performance is based on target specifications, simulated results, and/or prototype measurements. Commitment to develop is not guaranteed. PRELIMINARY: Data Sheets contain information regarding a product M/A-COM Technology Solutions has under development. Performance is based on engineering tests. Specifications are typical. Mechanical outline has been fixed. Engineering samples and/or test data may be available. Commitment to produce in volume is not guaranteed.
- North America Tel: 800.366.2266
 Europe Tel: +353.21.244.6400
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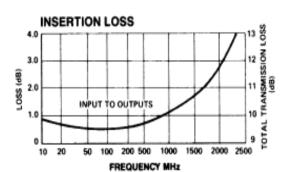
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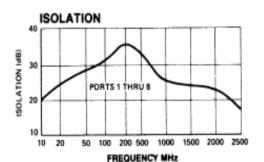


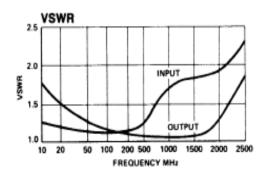
Broadband Eight -Way Power Divider, 20 - 2000 MHz

Rev. V2

Typical Performance Curves







Ordering Information

Part Number	Package
DS-808-4 BNC	Connectorized
DS-808-4 SMA	Connectorized
DS-808-4 TNC	Connectorized
DS-808-4 N	Connectorized

Operating Characteristics

Parameter	Absolute Maximum
Impedance	50 Ohms Nominal
Maximum Power Rating or Input Power	5.0 Watt Max
Internal Load Dissipation	0.5 Watt Max
Enviornmental MIL-STD-202 screening available.	

* All specifications apply with 50 ohm source and load impedance. This product contains elements protected by United States Patent Number 3,325,587.

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