

MACOM

UHF Hybrid Junction 5 MHz-1GHz

H-1-4

- Broad Frequency Range
- 0°-180° Hybrid with High Isolation

Guaranteed Specifications *

(From - 55°C to + 85°C)

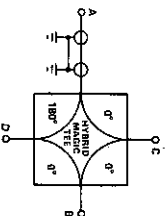
Frequency Range	5 MHz-1 GHz
Isolation (A-B Ports)	5-300 MHz 50 dB Min 300 MHz-1 GHz 40 dB Min

Operating Characteristics

Impedance	50 Ohms Nominal A & B Ports C & D Ports
Input Power	100 Ohms Nominal 7 Watts Max
Phase Shift (A to C or D)	Linear with Frequency (~45° @ 300 MHz)
Environmental	See Appendix for MIL-STD-883 screening option.

* All specifications apply with 50 ohm source and load impedance.
This product contains elements protected by United States Patent 3,311,650.

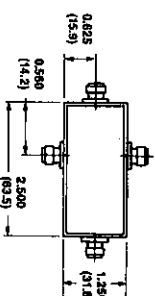
Functional Diagram



Ordering Information

Model No.	Package
H-1-4 BNC	Connectorized
H-1-4 N	Connectorized
H-1-4 SMA	Connectorized

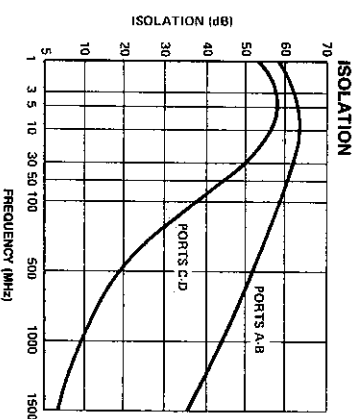
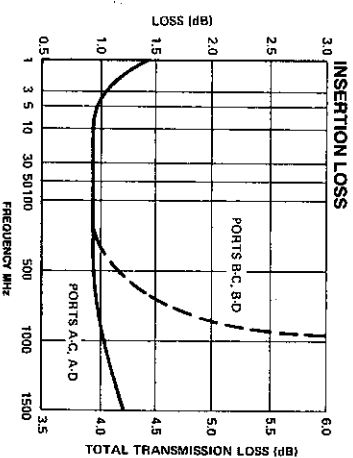
C-33



Dimensions in () are in mm.

See Appendix for complete physical dimensions.

Typical Performance



Specifications Subject to Change Without Notice.

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Telephone: 800-366-2266

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Authorized Distributor

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[H-1-4-BNC](#) [H-1-4-N](#) [H-1-4-SMA](#) [H-1-4-TNC](#)