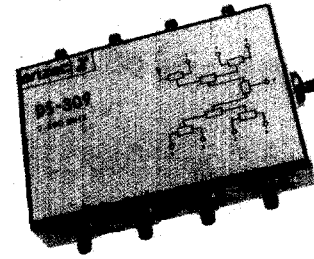




MODEL DS-309

EIGHT-WAY POWER DIVIDER 2-500 MHz

Low Loss — Typically 1 dB
High Isolation — Typically 30 dB
Low VSWR — Typically 1.3:1



Guaranteed Specifications*

(From -55°C to +85°C)

Frequency Range	2-500 MHz	
Insertion Loss (Less coupling)	1.2 dB Max	
Isolation	2-100 MHz	30 dB Min
	100-500 MHz	25 dB Min
Amplitude Balance	2-100 MHz	0.15 dB Max
	100-500 MHz	0.25 dB Max
Phase Balance	2-100 MHz	2.0° Max
	100-500 MHz	3.5° Max
VSWR (All Ports)	2-5 MHz	1.6:1 Max
	5-500 MHz	1.35:1 Max

Operating Characteristics

Impedance	50 Ohms Nominal
Maximum Power Rating or Input Power	2.0 Watts Max
Internal Load Dissipation	0.25 Watt Max
Package Type	Connectorized (C-18)

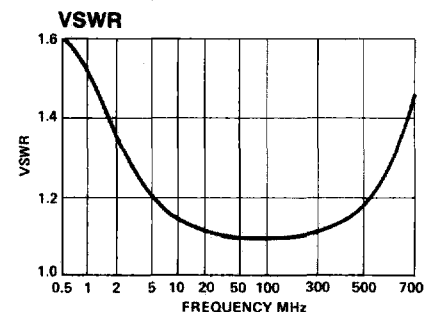
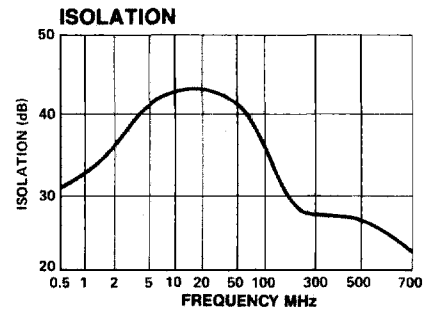
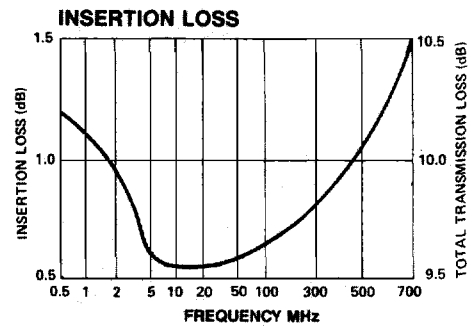
(See page 483 for physical dimensions.)

Environmental

These units are designed to meet the environmental and screening requirements of Table 1A, page 496 of the Adams-Russell catalog.

*All specifications apply with 50 ohm source and load impedance.

Typical Performance



Ordering Information

Model No.	Part No.	Connectors	Unit Price (5-9 Units)
DS-309	8251	BNC	\$248
DS-309	8254	SMA	261

Delivery is from stock.

ANZAC

Make the Connection...

80 Cambridge Street, Burlington, MA 01803 Fax (617) 273-1921

Adams Russell

COMPONENTS GROUP

For Technical Information, Call (617) 273-3333

For Ordering Information, Call (617) 273-3333