



MODEL D-5-4

BROADBAND FREQUENCY DOUBLER 60 MHz - 4.2 GHz OUTPUT

Conversion Loss — 13 dB Max
Untuned

Guaranteed Specifications*

(From -55°C to +85°C)

Input Frequency Range		30 MHz-2.1 GHz
Output Frequency Range		60 MHz-4.2 GHz
Conversion Loss*		13 dB Max @ 30 mW Input
Spurious (Referred to Output F₂ Level)		
F ₁	30-500 MHz	~ 25 dB
	0.5-2.1 GHz	~ 15 dB
F ₃	90-1500 MHz	~ 30 dB
	1.5-6.3 GHz	~ 20 dB

Operating Characteristics

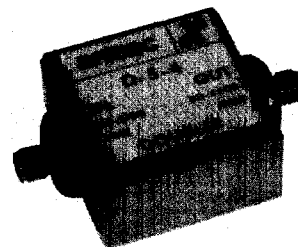
Typical Input VSWR	30 MHz-1 GHz	1.5:1
	1-2.1 GHz	1.8:1
Typical Conversion Loss as Quadrupler		26 dB
Input/Output Impedance		50 Ohms
Maximum Input Power		1.0 Watt
Package Type		Connectorized (C-5)

(See page 481 for physical dimensions.)

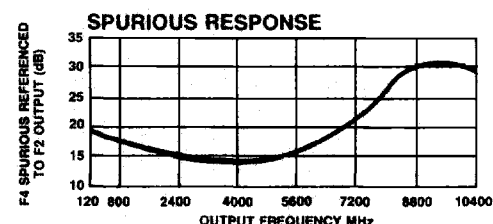
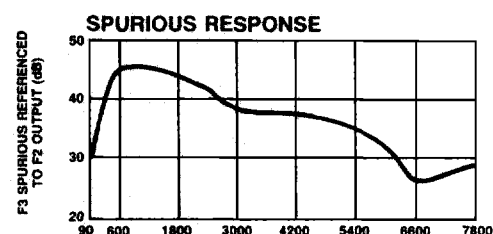
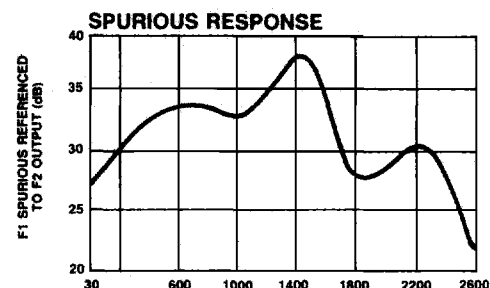
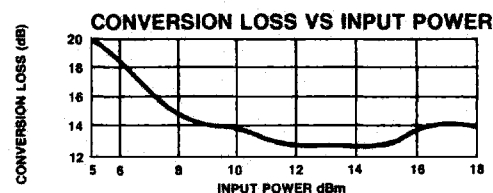
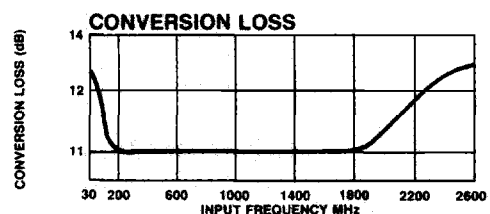
Environmental

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

*All specifications apply when operated at +13 dBm input power 50 ohm source and load impedance.



Typical Performance



Ordering Information

Model No.	Part No.	Connectors	Unit Price (5-9 Units)
D-5-4	8193	N	\$308
D-5-4	8194	SMA	308

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