



MODEL FM-102-4

BROADBAND FREQUENCY DOUBLER 200 kHz-1.2 GHz OUTPUT

Conversion Loss — 13 dB Max
Untuned

Guaranteed Specifications*

(From -55°C to +85°C)

Frequency Range		
Input	100 kHz-600 MHz	
Output	200 kHz-1.2 GHz	
Conversion Loss*		12 dB Max @ 20 mW Input
Spurious (Referred to Output F₂ Level)		
F ₁	0.1-200 MHz	- 24 dB
	200-600 MHz	- 18 dB
F ₃	0.3-600 MHz	- 35 dB
	600-1800 MHz	- 24 dB

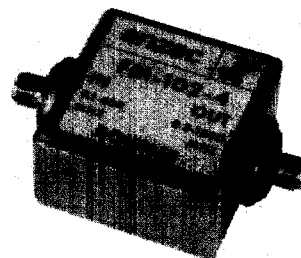
Operating Characteristics

Maximum Input Power	0.5 Watt
Typical Input VSWR	1.5:1
Input/Output Impedance	50 Ohms
Package Type	Connectorized (C-5)
(See page 481 for physical dimensions.)	

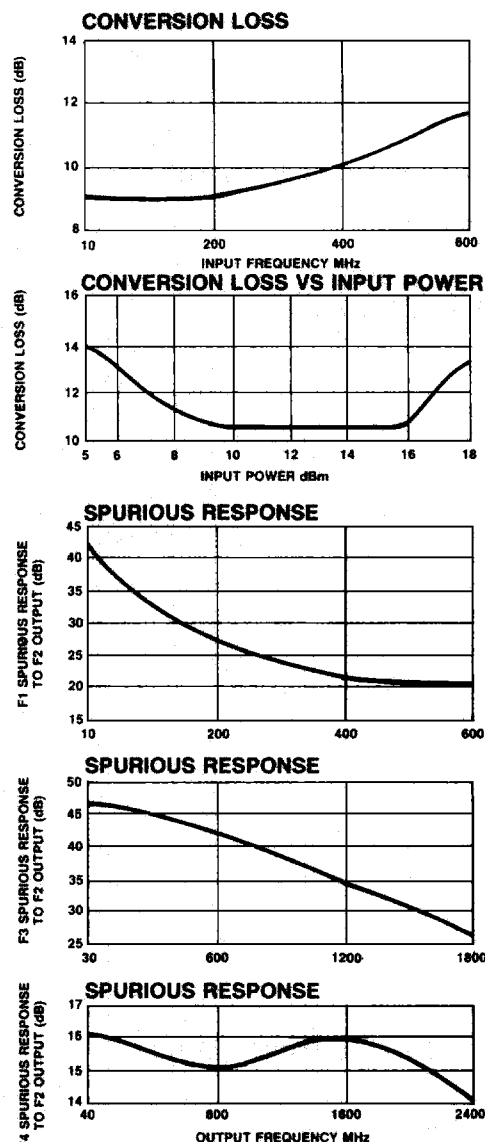
Environmental

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)
FM-102-4	8754	SMA	\$137

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