

**RM300-016V1B** 16 port, variable attenuator, fault monitor, 380-512 MHz

- Supply voltage: 100 to 240 VAC
- Variable attenuator from zero to 15 dB attenuation
- Built in fault monitor with fault LED
- Amplifier current monitor display

Sinclair's newest line of high performance receiver multicouplers are simple and compact. They are available in 8, 16, 24, and 32 port configurations. The V versions come with a variable step attenuator for adjusting the output gain of the multicoupler. Also available is an amplifier current monitor, and a power fault alarm.



Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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### Electrical Specifications

Frequency Range	MHz	380 to 512	
System gain (min)	dB	18	
Input VSWR (max)		1.5:1	
Impedance	Ω	50	
Input Connectors		N-Female	
Output Connectors		BNC-Female	
Isolation Rx to Rx	dB	20	
Output VSWR		1.5:1	
Noise figure (amplifier (typ))	dB	2	
Third order intercept - amplifier	dBm	46	
1 dB Compression point	dBm	28	*1
Number of channels		16	
Supply voltage		100-240 VAC	*2

### Notes

- \*1 : amplifier only  
\*2 : 100-240 VAC supply with a port for a 15VDC backup power source

### Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	14.12 (359)
Length/ Height	in (mm)	1.75 (44)
Weight	lbs (kg)	14 (6.36)
Shipping dimensions	in (mm)	22x17x4 (559x432x102)

### Environmental Specifications

Temperature range	°F (°C)	+32 to +140 (0 to +60)
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