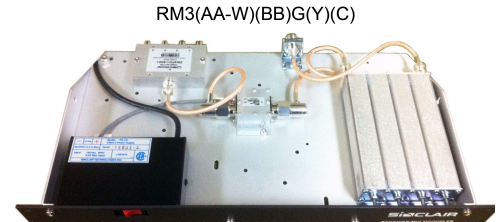


RM3(AA-W)(BB)G(Y)(C) Receiver Multicoupler, 350-512 MHz

- Connect 2 to 16 receivers to a single antenna with BNC connectors with 1 R.U. tray
- Connect 2 to 8 receivers to a single antenna with N-type connectors with 1 R.U. tray
- For other channel configurations, please contact your Sinclair Sales Representative

AA-W	Frequency Range	Bandwidth
00-0	No Preselector	
01-1	406-430 MHz	1 MHz
03-1	406-440 MHz	3 MHz
05-1	406-450 MHz	5 MHz
01-2	440-470 MHz	1 MHz
03-2	440-480 MHz	3 MHz
05-2	450-480 MHz	5 MHz
01-3	470-512 MHz	1 MHz
03-3	480-512 MHz	3 MHz
05-3	480-512 MHz	5 MHz
01-5	380-400 MHz	1 MHz
03-5	380-400 MHz	3 MHz
05-4	350-380 MHz	5 MHz
09-9	Special See E#	



BB= Number of channels
02, 04, 08, or 16 with BNC connectors (For 12, order 16 and 4 loads)
02, 04, or 08 with N-type connectors

Y = Supply Voltage
0 No Power Supply
3 12 VDC
4 24 VDC
5 48 VDC
10 -48 VDC
11 115 - 220 VAC

C= Output Connectors
"B" BNC- Female
"N" N- Female (up to 8 channels ONLY)

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
Telephone	USA: 1 800 263 3275	International: +44 (0) 1487 84 28 19	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com

Electrical Specifications

Frequency Range	MHz	350 to 512	*1
Number of channels		2	*2
Bandwidth	MHz	1	*3
System gain (min)	dB	2	
Input Connectors		N-Female	
Output Connectors		BNC-Female or N-Female	
Input VSWR (max)		1.5:1	
Output VSWR		1.5:1	
Impedance	Ω	50	
Power Consumption (typ)	W	4	
1 dB Compression point	dBm	24	
Isolation Rx to Rx	dB	20	
Noise figure (amplifier (typ))	dB	0.8	
Noise figure (system (typ))	dB	4.1	*4
Third order intercept - amplifier	dBm	40	
Supply voltage		115-220 VAC	*5

Notes

- *1 : See sub-bands above.
- *2 : See above for other options
- *3 : See above for other options
- *4 : when AA = 03 and 05. 5.2 dB when AA = 01. 2.7 dB when AA = 00.
- *5 : Other options available, see above.

Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	10 (254)
Length/ Height	in (mm)	1.78 (45)
Weight	lbs (kg)	5.5 (2.5)
Actual shipping weight	lbs (kg)	10 (4.54)
Shipping dimensions	in (mm)	22x18x4 (559x457x102)

Environmental Specifications

Temperature range	°F (°C)	-22 to +140 (-30 to +60)
-------------------	---------	--------------------------

Ordering Information

When ordering the no preselector option, please indicate if the unit is to be used below or above 400 MHz.

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
Telephone	USA: 1 800 263 3275	International: +44 (0) 1487 84 28 19	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com