SINCLAIR™
Superior then, Superior now.
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Intermod Supression Panels
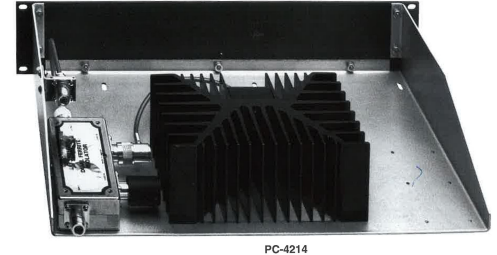700-1000 MHz IM Suppression Pannels
PC4 Series

PC4214   I.M. Suppression panel, rack mount, dual stage isolator, 30+125 Watt loads, 806-890 MHz

- Dual stage isolator with 30+125 Watt loads provides 75 dB (typ) isolation
- Can be tuned over the 806-890 MHz band and comes with built-in harmonic filters
- Compact design shipped precisely tuned to customer specified frequency

Sinclair's PC series panels incorporate high performance single- or dual-stage isolators with various load terminations and Sinclair-built harmonic filters. These compact units offer optimum intermodulation control in a 19-inch rack mounted configuration. They are shipped precisely tuned to customer specified frequency, and exhibit 25 dB or 50 dB isolation when equipped with single- or dual-stage isolators respectively. Various load configurations are available depending on system power level and VSWR protection required.

PC-4214

www.sinctech.com

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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Product Specification Sheet
EPR 018875
Customer Tech Manual 006641

PC4214

Issue: 4

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Page 1/2

Electrical Specifications

Frequency Range	MHz	806 to 960	
Bandwidth	MHz	30	*1
VSWR (max)		1.25:1	
Isolation (typ)	dB	75	
Average Power Input (max)	W	150	
Connectors		N-Female	
Insertion Loss (typ) Tx to Ant	dB	0.6	
Insertion Loss (max) Tx to Ant	dB	0.9	
Isolation (min)	dB	50	

Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	9.13 (232)
Length/ Height	in (mm)	3.5 (89)
Weight	lbs (kg)	20 (9.08)
Shipping dimensions	in (mm)	19x26x7 (483x660x178)

Environmental Specifications

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

Notes
*1 : 3% of center frequency.

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