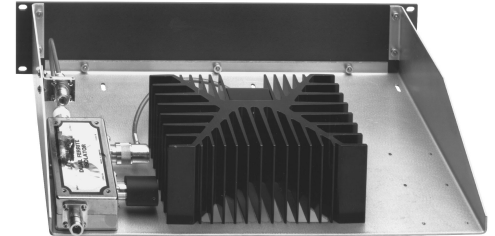


PC2214 I.M. Suppression panel, rack mount, dual stage isolator, 30+125 Watt loads, 132-174 MHz

- Dual stage isolator with 30+125 Watt load provides 75 dB (typ) isolation
- Can be tuned over the 132-174 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.



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| 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 | 132 to 174 |
| Bandwidth | MHz | 5 |
| VSWR (max) | | 1.25:1 |
| Isolation (typ) | dB | 75 |
| Average Power Input (max) | W | 125 |
| Connectors | | N-Female |
| Insertion Loss (typ) Tx to Ant | dB | 0.7 |
| Insertion Loss (max) Tx to Ant | dB | 1 |
| Isolation (min) | dB | 50 |

Mechanical Specifications

| | | |
|------------------------|----------|-----------------------|
| Width | in (mm) | 19 (483) |
| Depth | in (mm) | 9.13 (232) |
| Length/ Height | in (mm) | 3.5 (89) |
| Actual shipping weight | lbs (kg) | 20 (9.08) |
| Shipping dimensions | in (mm) | 19x26x7 (483x660x178) |

Environmental Specifications

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

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