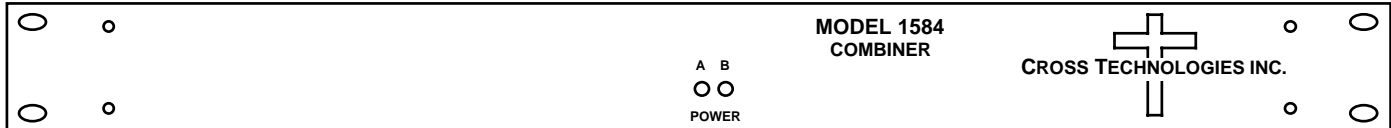


1584 Series RF Combiners

The 1584 Series Combiners are 0.95 - 2.05 GHz, 0 dB gain combiners in a 1RU rack mount chassis with redundant 115 VAC power supplies. The combiners provide excellent RF characteristics. The 1584-161 has sixteen inputs and one output on the back panel. Two individual 115 VAC input power supplies provide diode OR'd redundant power to the unit. A surge suppressor on the combiner output protects against high voltage transients. On the front panel, two green LED's indicate the presence of DC voltage from each of the two power supplies.



1584 COMBINER FRONT PANEL

EQUIPMENT SPECIFICATIONS*

Input Characteristics

| | |
|-----------------|--------------------|
| Input Impedance | 75 Ω |
| Return Loss | >12 dB, 14 dB typ. |
| Input Level | -20 dBm total max |

Output Characteristics

| | |
|------------------|--------------------|
| Output Impedance | 75 Ω |
| Return Loss | >12 dB, 14 dB typ. |

In-Band Characteristics

| | |
|------------------------|---|
| Gain | 0 \pm 1 dB |
| Frequency Response | \pm 1.0 dB, 0.95-2.05 GHz; \pm 0.5 dB, any 20 MHz increment |
| Port to Port Isolation | > 18 dB; 20 dB typ. |

Indicators

| | |
|-------|------------|
| Power | Green LEDs |
|-------|------------|

Other

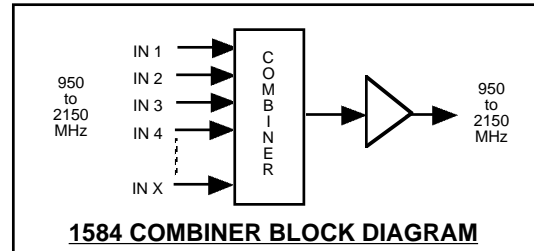
| | |
|------------------|--|
| RF Connectors | Type-F (female) |
| Surge Suppressor | SiDACTOR |
| Size | 19 inch standard chassis 1.75" high X 12.0" deep |
| Power | 90 - 260 VAC, 47 - 63 Hz, 30 W max. |

Options

| | |
|-------------------|---------------|
| Connector options | Contact Cross |
|-------------------|---------------|

Models

| | |
|----------------------|---------------------|
| 1584-161 | One 16-way combiner |
| Ask for other models | |



*+10°C to +40°C; Specifications subject to change without notice