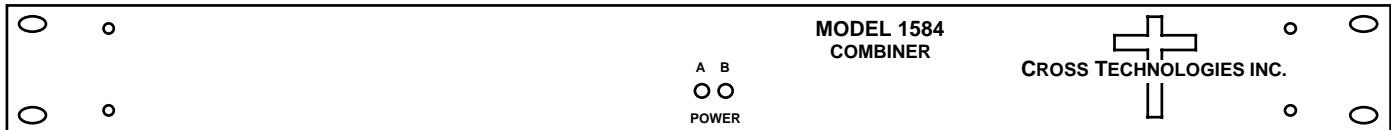


1584 Series RF Combiners

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
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Other

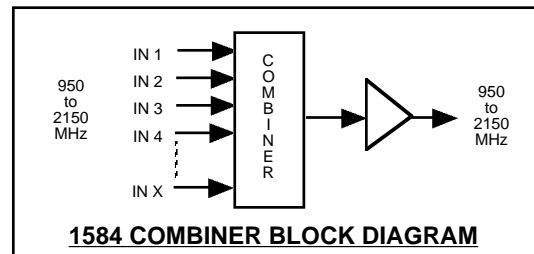
RF Connectors	Type-F (female)
Surge Suppressor	SiDACTOR
Size	19 inch standard chassis 1.75" high X 12.0" deep
Power	90 - 260 VAC, 47 - 63 Hz, 30 W max.

Options

Connector options	Contact Cross
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Models

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



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