

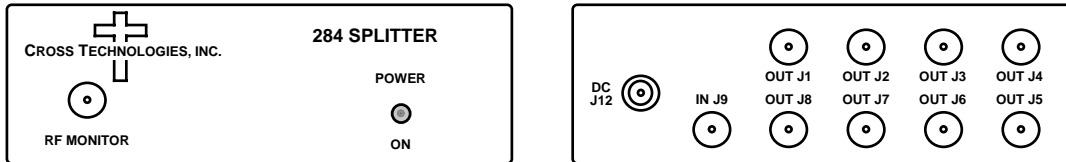


DATA SHEET

8/08/05

284-0X Series L-Band Splitters

The Model 284-0X RF Splitters are five or nine way, 950 - 2050 MHz, 0 dB gain splitters providing excellent RF characteristics. Each splitter has a monitor connector on the front panel and four or eight outputs on the back panel. A SiDactor surge suppressor on the RF input protects against high voltage transients. On the front panel, a green LED indicates the presence of DC voltage. Up to three 284s can be mounted on an 1 3/4" X 19" rack mount panel (**option -R1, -R2, or -R3**).



284-09 Front and Rear Panels

EQUIPMENT SPECIFICATIONS*

Input Characteristics

Input Impedance	75Ω
Return Loss	12dB min, 14dB typ
Input Level	-20 dBm total maximum

Output Characteristics

Impedance	75Ω
Return Loss	12dB min, 14dB typ

In-Band Characteristics

Gain	0 dB ± 1.0 dB
Frequency Response	± 1.0 dB, 950-2150 MHz; ± 0.5 dB, any 20 MHz increment
Port to Port Isolation	> 18dB, 20dB typ

Indicators

Power	Green LED indicates DC voltage prior to diode OR
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Other

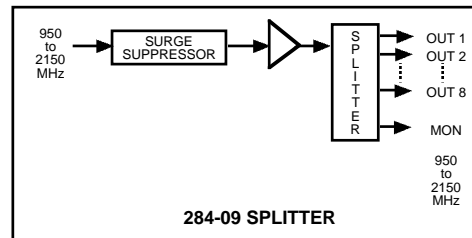
Surge Suppressor	SiDACTOR
RF connectors	Type F (female)
Power	115 VAC wall mount power supply
Size (Bench Top)	4.7" wide x 1.75" high X 6.5" deep

Options

-R1,-R2, or -R3	Rack mounting (mounted on a 19-inch standard (1RU) panel, 1.75" high x 7.0" deep)
-C	No wall mount power supply (use 2000-02 model power supply)
-P2	90-260 VAC wall mount power supply
-B	50Ω, BNC RF connectors

Models

284-05	One 5-way splitter
284-09	One 9-way splitter



284-09 SPLITTER

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