



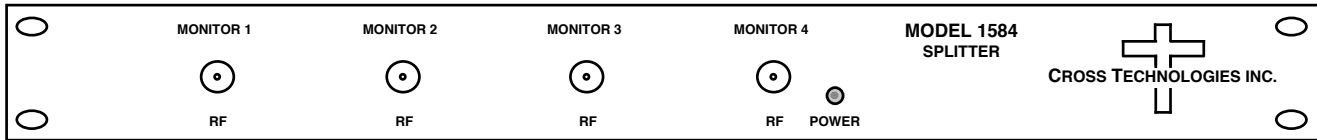
DATA SHEET

Rev. C

06/02/08

1584 S-Series L-Band Splitters

The 1584 S-Series Splitters provide numerous configurations of 950 - 2150 MHz, 0 dB gain splitters in a 1 Rack Unit chassis powered by a single 100-240 \pm 10% VAC power supply. Each splitter provides surge protection, and excellent RF characteristics. The S-series 1584 splitters do NOT provide fused LNB DC power insertion. Each splitter has a monitor connector on the front panel and a number of outputs on the back panel (dependent upon the specific model). A green LED indicates the presence of DC voltage.



1584-45S FRONT PANEL

EQUIPMENT SPECIFICATIONS*

Input Characteristics

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

Output Characteristics

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

In-Band Characteristics

Gain	0 dB \pm 1.0 dB
Frequency Response	\pm 1.0 dB, 950-2150 MHz; \pm 0.5 dB, any 20 MHz incr.
Port to Port Isolation	> 18dB, 20dB typ
Coupler to Coupler Iso'n	> 35dB, 40dB typ

Indicators

Power	Green LED indicates DC voltage
-------	--------------------------------

Other

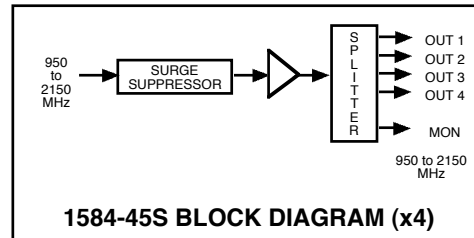
Surge Suppressor	SiDACTOR
RF connectors	Type F (female)
AC Power	100-240 \pm 10% VAC, 47 - 63 Hz, 30 watts max
Mechanical	19 inch standard chassis 1.75"high X 12" deep

Options

-B	75 Ω , BNC RF connectors
-D	50 Ω , BNC RF connectors

Models

1584-25S	Two 4-way splitters with 1 front panel monitor each
1584-29S	Two 8-way splitters with with 1 front panel monitor each
1584-45S	Four 4-way splitters with 1 front panel monitor each
1584-116S	One 16-way splitter with no front panel monitor



1584-45S BLOCK DIAGRAM (x4)

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