

# LS48 1000A

## LS481000A1FAC000

### 48-Way Active Splitter (5-1000 MHz)

#### General Description:

The **LS481000A1FAC000** is a commercial quality 48-way active splitter that meets strict level and match specifications achieved through the use of Quintech's proprietary microstrip and SMT technology. It operates over the 5-1000 MHz frequency range and permits signal splitting with zero loss, eliminating the need for external distribution amplifiers.

Note: All unused RF output ports must have 75  $\Omega$  terminations.

#### Specifications:

<b>Frequency:</b>	5-1000 MHz
<b>Impedance:</b>	75 $\Omega$
<b>P1dB:</b>	+3 dBm
<b>Insertion Loss:</b>	0 $\pm$ 2 dB @ 500 MHz
<b>Frequency Response:</b>	$\pm$ 2 dB
<b>Isolation:</b>	-16 dB
<b>Input Return Loss:</b>	14 dB
<b>Output Return Loss:</b>	15 dB
<b>Noise Figure:</b>	13 dB
<b>RF Connectors:</b>	Type F, 75 $\Omega$
<b>Power Requirements:</b>	18-24 V $\overline{\text{---}}$ via 2-pin quick connect barrier strip
<b>Power Consumption:</b>	20 W
<b>Mechanical:</b>	3 RU (5.25" H x 19" W x 20" D)
<b>Weight:</b>	14.5 lbs. gross (boxed), 9.5 lbs. net
<b>Certifications:</b>	CE



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