

**LS16 1000A**  
**LS161000A1FAA000**  
**16-Way Active Splitter (5-1000 MHz)**

**General Description:**

The **LS161000A1FAA000** is a commercial quality 16-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>	+6 dBm (input)
<b>Insertion Loss:</b>	0 $\pm$ 2 dB (@ 500 MHz)
<b>Frequency Response:</b>	$\pm$ 2.5 dB
<b>Isolation:</b>	-16 dB
<b>Input Return Loss:</b>	13 dB
<b>Output Return Loss:</b>	14 dB
<b>Noise Figure:</b>	9 dB
<b>RF Connectors:</b>	Type F, 75 $\Omega$
<b>Power Requirements:</b>	18-24 V <sub>DC</sub> via 2-pin quick connect barrier strip
<b>Power Consumption:</b>	13 W
<b>Mechanical:</b>	1 RU (1.75" H x 19" W x 6.5" D)
<b>Weight:</b>	5.0 lbs. gross (boxed), 2.5 lbs. net
<b>Certifications:</b>	CE



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