

**LSC12 1000P**  
**Part No. LSC121000F1A000**  
**12-Way Passive Splitter/Combiner (5-1000 MHz)**

**General Description:**

The **LSC121000F1A000** is a commercial quality 12-way splitter/combiner that meets strict level, match, and loss specifications achieved through the use of Quintech's proprietary microstrip and SMT technology. It operates over the 5-1000 MHz frequency range and enables the splitting or combining of RF signals with repeatable performance over the entire frequency range and across all I/O ports.

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

**Specifications:**

<b>Frequency:</b>	5-1000 MHz
<b>Impedance:</b>	75 $\Omega$
<b>Insertion Loss:</b>	15.0 dB (@ 500 MHz)
<b>Frequency Response:</b>	$\pm$ 2 dB
<b>Isolation:</b>	17 dB
<b>Return Loss:</b>	12 dB
<b>RF Connectors:</b>	Type "F", 75 $\Omega$
<b>Mechanical:</b>	1 RU (1.75"H x 19"W x 6.5"D)
<b>Weight:</b>	3.5 lbs. gross (boxed), 2.5 lbs. net

