

**LSC48 1000P**  
**LSC481000F1C000**  
**48-Way Splitter/Combiner (5-1000 MHz)**

**General Description:**

The **LSC481000F1C000** is a commercial quality 48-way passive splitter/combiner 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 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 output ports must have 75  $\Omega$  terminations.

**Specifications:**

<b>Frequency:</b>	5-1000 MHz
<b>Impedance:</b>	75 $\Omega$
<b>Insertion Loss:</b>	-21 dB $\pm$ 2 dB @ 500 MHz
<b>Frequency Response:</b>	$\pm$ 2 dB
<b>Isolation:</b>	-16 dB
<b>Return Loss:</b>	13 dB
<b>RF Connectors:</b>	Type F, 75 $\Omega$
<b>Mechanical:</b>	3 RU (5.25" H x 19" W x 20" D)
<b>Weight:</b>	12.0 lbs. gross (boxed), 9.0 lbs. net
<b>Certifications:</b>	CE

