

**LC4 2150P**  
**LC042150P1FNA011**

**4-Way Passive Combiner w/ Port 1 Passing 10 MHz Reference (950-2150 MHz)**

**General Description:**

The **LC042150P1FNA011** is a commercial quality 4-way combiner that meets strict level and match specifications achieved through the use of Quintech's proprietary microstrip and SMT technology. It operates over the 950-2150 MHz frequency range and enables the combining of RF signals with repeatable performance over the entire frequency range and across all I/O ports. Input port 1 can pass a 10 MHz reference to the output.

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

**Specifications:**

Frequency:	950-2150 MHz
Impedance:	75 $\Omega$
Insertion Loss:	-7.5 dB $\pm$ 1 dB
Frequency Response:	$\pm$ 1 dB
10 MHz (Insertion Loss):	0.3 dB $\pm$ 0.2 dB
Isolation:	18 dB
Input Return Loss:	16 dB
Output Return Loss:	13 dB
RF Connectors:	Type "F", 75 $\Omega$
Operating Temperature:	0 to +50 °C at up to 95% RH, non-condensing
Storage Temperature:	-10 to +70 °C at up to 95% RH, non-condensing
Mechanical:	1 RU (1.75" H x 19" W x 6.5" D)
Weight:	3.5 lbs. gross (boxed), 2.5 lbs. net

