

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

General Description:

The **LC162150P1FNA011** is a commercial quality passive 16-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 Ω terminations.

Specifications:

Frequency:	950-2150 MHz
Impedance:	75 Ω
Insertion Loss:	17 dB \pm 2 dB
Frequency Response:	\pm 2 dB
10 MHz:	-0.3 dB \pm 0.2 dB
Isolation:	-20 dB
Input Return Loss:	13 dB
Output Return Loss:	15 dB
RF Connectors:	Type F, 75 Ω
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:	3.7 lbs. gross (boxed), 2.7 lbs. net

