

LS12 2150A/2 LS122150A2FVA000

Dual 12-Way Active Splitter (950-2150 MHz)

General Description:

The **LS122150A2FVA000** is a commercial quality dual 12-way splitter 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 permits signal splitting with zero loss, eliminating the need for external distribution amplifiers. The LS122150A2FVA000 provides LNB DC power insertion that can be switched on or off via the front panel mounted slide switches (see LNB Power specification below).

Note: All unused RF output ports must have 75 Ω terminations.
All outputs are DC blocked.

Specifications:

Frequency:	950-2150 MHz
Impedance:	75 Ω
P1dB:	-5 dBm
OIP³:	+6dBm
Insertion Loss:	0 \pm 2 dB
Frequency Response:	\pm 2 dB
Isolation:	18 dB
Input Return Loss:	13 dB
Output Return Loss:	12 dB
Noise Figure:	8 dB
RF Connectors:	Type F, 75 Ω
Power Requirements:	18-24 V $\overline{\text{---}}$, via 2-pin quick connect barrier strip
LNB Power:	18 V $\overline{\text{---}}$ (750 mA max. available for LNB power)
Power Consumption:	5 W @ 18 V $\overline{\text{---}}$ (plus customer LNB power load)
Operating Temperature:	0 to +50 $^{\circ}$ C at up to 95% RH, non-condensing
Storage Temperature:	-10 to +70 $^{\circ}$ C at up to 95% RH, non-condensing
Mechanical:	1 RU (1.75" H x 19" W x 6.5" D)
Weight:	5.5 lbs. gross (boxed), 3.0 lbs. net

