

LS12 2150A LS122150A1BVA000 12-Way Active Splitter (950-2150 MHz)

General Description:

The **LS122150A1BVA000** is a commercial quality 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 LS122150A1BVA000 provides LNB DC power insertion that can be switched on or off via the front panel mounted slide switch (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:	+6 dBm
Insertion Loss:	0 \pm 2 dB
Frequency Response:	\pm 2 dB
Isolation:	18 dB
Input Return Loss:	12 dB
Output Return Loss:	12 dB
Noise Figure:	8 dB
RF Connectors:	BNC, 75 Ω
Power Requirements:	18-24 V $\overline{\text{DC}}$, @ 1A via 2-pin quick connect barrier strip
LNB Power:	18 V $\overline{\text{DC}}$ (800 mA max. available for LNB power)
Power Consumption:	3 W @ 18 V $\overline{\text{DC}}$ (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:	5.0 lbs. gross (boxed), 2.5 lbs. net
Certifications:	FCC Part 15

