

**LS8 2150A/2 DR**  
**LS082150A2FTA000**  
Dual 8-Way Active Splitter With Dual Redundancy

**General Description:**

The **LS082150A2FTA000** is a commercial quality dual 8-way active splitter that meets strict level, match, and loss 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 LS082150A2FTA000 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  $\Omega$  terminations.

**Specifications:**

<b>Frequency:</b>	950-2150 MHz
<b>Impedance:</b>	75 $\Omega$
<b>P1dB:</b>	0 dBm
<b>OIP<sup>3</sup>:</b>	10 dBm
<b>Insertion Loss:</b>	0 $\pm$ 2 dB
<b>Frequency Response:</b>	$\pm$ 1 dB
<b>Isolation:</b>	18 dB
<b>Input Return Loss:</b>	13 dB
<b>Output Return Loss:</b>	16 dB
<b>Noise Figure:</b>	7 dB
<b>RF Connectors:</b>	Type F, 75 $\Omega$
<b>Power Requirements:</b>	100-240 V~, 50/60 Hz
<b>LNB Power:</b>	24 V $\overline{\text{---}}$ (750 mA max. available for LNB power)
<b>Power Consumption:</b>	20 W (plus customer LNB power load)
<b>Operating Temperature:</b>	0 to +50 $^{\circ}$ C at up to 95% RH, non-condensing
<b>Storage Temperature:</b>	-10 to +70 $^{\circ}$ C at up to 95% RH, non-condensing
<b>Mechanical:</b>	1 RU (1.75" H x 19" W x 14" D)

