

Dual 4-Way Active Splitter with Dual Redundancy (950-2150 MHz)

General Description:

The **LS042150A2FTA000** is a commercial quality dual 4-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 LS042150A2FTA000 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.

Specifications:

Frequency:	950-2150 MHz
Impedance:	75 Ω
P1dB:	+3 dBm
OIP³:	+17.5 dBm
Insertion Loss:	0 ± 2 dB
Frequency Response:	± 1 dB
Isolation:	18 dB
Input Return Loss:	14 dB
Output Return Loss:	15 dB
Noise Figure:	9 dB
RF Connectors:	Type F, 75 Ω
Power Requirements:	100-240 V~, 50/60 Hz
LNB Power:	24 V ⁻⁻⁻ , 750 mA max. available for LNB power
Power Consumption:	17 W, plus customer LNB power load
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 14" D)
Weight:	7.0 lbs. gross (boxed), 5.0 lbs. net

