

LS48 1000A

LS481000A1FAC000

48-Way Active Splitter (5-1000 MHz)

General Description:

The **LS481000A1FAC000** is a commercial quality 48-way active splitter that meets strict level and match specifications achieved through the use of Quintech's proprietary microstrip and SMT technology. It operates over the 5-1000 MHz frequency range and permits signal splitting with zero loss, eliminating the need for external distribution amplifiers.

Note: All unused RF output ports must have 75 Ω terminations.

Specifications:

Frequency:	5-1000 MHz
Impedance:	75 Ω
P1dB:	+3 dBm
Insertion Loss:	0 \pm 2 dB @ 500 MHz
Frequency Response:	\pm 2 dB
Isolation:	-16 dB
Input Return Loss:	14 dB
Output Return Loss:	15 dB
Noise Figure:	13 dB
RF Connectors:	Type F, 75 Ω
Power Requirements:	18-24 V $\overline{\text{---}}$ via 2-pin quick connect barrier strip
Power Consumption:	20 W
Mechanical:	3 RU (5.25" H x 19" W x 20" D)
Weight:	14.5 lbs. gross (boxed), 9.5 lbs. net
Certifications:	CE



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