

**Model — DCP 2150**  
**Part No. DCP21501FK000**  
**DC Block/Power Inserter**

**General Description:**

The **DCP21501FK000** is designed to permit independent Power Supply Operation for LNAs, Up/Downconverters, and Line Amplifiers by providing a method for breaking the DC continuity and re-inserting DC power. The DC Power Supply is included for the utmost in installation convenience. In addition, the RF performance is optimized over the desired 500 MHz bandwidth from 270 to 2150 MHz. The DCP21501FK000 performs this function for a 75  $\Omega$  type "F" cable system.

**Specifications:**

<b>Frequency:</b>	270-2150 MHz
<b>Insertion Loss:</b>	1.3 dB
<b>Frequency Response:</b>	0.8 dB
<b>Return Loss: (All Ports)</b>	14 dB (VSWR 1.5:1)
<b>Power Requirements:</b>	120 VAC, 60 Hz
<b>Power Output:</b>	18 VDC @ 1 Amp
<b>RF Connectors:</b>	Type "F", 75 $\Omega$
<b>DC Connectors:</b>	Terminal block
<b>Mechanical:</b>	3.25"H x 3.25"W x 1.25"D



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DCP21501FK000 Rev A