

# Diplexers and Power Supplies

LUV, LTF, LPI, and SW-PS Series



The LUV-2150 is a L-Band diplexer used to combine or separate UHF/VHF/CATV frequencies (10 to 806 MHz) and L-Band satellite signals (950 to 2150 MHz).



The LTF-2150 is a 75 Ohm terminator that is DC blocked and has an operating bandwidth of 10 to 2150 MHz.

## ○ Specifications

LUV 2150 Diplexer		MHz	dB
10-806 MHz 950-2150 MHz	Insertion Loss:	10-550	1.5
		550-806	2.5
	Return Loss:	950-2150	3.0
10-550		10	
550-806		10	
Out of Band Rejection:	950-2150	8	
	10-550	25	
	550-806	25	
		950-2150	30

The LPI Series power supplies are used to power LNBF's and line/drop amplifiers using LPI-3300 or LPI-2200 power inserters.

**LPI 183PS  
Power Supply**



Power: 18 V, 300 mA

**LPI 188PS  
Power Supply**



Power: 18 V, 800 mA

**LPI 2200  
DC Power Inserter**



Insertion Loss: 1.5 dB  
Return Loss: 10 dB

**SW  
Power Supply**



18 VDC  
1.66A  
2.5 mm x 5.5 mm  
DC Jack  
for use in MFH2™ Systems

**SW  
Power Supply**



24 VDC  
2.08 A  
2.1 mm x 5.5 mm  
DC Jack

## ○ Ordering Information

Model	Stock No.	Description
<b>Diplexers/Terminator</b>		
LUV-2150	6404	Diplexer 10-806 MHz Low Pass, 950-2150 MHz High Pass
LPI 2200	6424	DC Power Inserter/Power Block 10-2150 MHz, VDC, 1 A Max
LTF-2150	6439	Terminator, "F" 75 Ω, 10-2150 MHz, DC Blocking
<b>Power Supplies</b>		
LPI 183PS	6447	Power Supply 18 VDC, 300 mA
LPI 188PS	6430	Power Supply 18 VDC, 800 mA
SW-PS-18	6450	Switch Mode Power Supply, 18 VDC/1.66A
SW-PS-24	6451	Switch Mode Power Supply, 24 VDC/2.08A