



Satellite IF Inline Amplifiers & Equalizers

16-20dB 40-2150MHz Satellite IF Inline Amplifiers

LA2150 series

High-Grade Satellite IF Inline Amplifiers suitable for DBS or MMDS Satellite Applications – Available in 950-2150MHz for Satellite only applications, or 40-2150MHz for Satellite and Terrestrial applications – 16-20dB sloped versions compensate for loss on long cable runs – DC-Line Powered Requirements 12-18VDC 45mA – DC Pass-Thru Current 500mA maximum for LNB Powering – Output Level 105dBuV Maximum – Low Noise 4-5dB – Input Return Loss 6dB – Impedance 75 Ohms – Frequency 40-2150 – High Performance SMD Board Circuitry – Precision Machined F-Connector Threads – Soldered back-cover plate ensures high isolation >120dB – Nickel Plated Zinc-Alloy Die-Cast Housing

LA-2150A	20dB 40-2150MHz
LA-2150B	16-20dB Sloped 40-2150MHz
LA-2150C	20dB 950-2150MHz
LA-2150D	16-20dB Sloped 950-2150MHz



9-16dB 40-2150MHz Satellite IF Inline Slope Equalizers

TSEQ2150 series

Slope equalizers compensate for long cable runs in Satellite and Broadband Distribution Networks – Connects to amplifier input to present amplifier with flat and even signal level – Frequency Bandwidth 40-2150MHz – DC Pass-Thru Current 500mA maximum – Return Loss 6dB – Impedance 75 Ohms – High Performance SMD Board Circuitry – Precision Machined F-Connector Threads – Epoxy-Sealed Back-Cover Plate – Sheet-Metal Housing

Insertion Loss	40MHz	1GHz	2.1GHz
TSEQ-2150-9	-9 dB	-4.5 dB	-0.3 dB
TSEQ-2150-12	-12 dB	-5.5 dB	-0.3 dB
TSEQ-2150-16	-16 dB	-7 dB	-0.3 dB



11dB 5-950MHz Inline MATV Amplifier and Power Inserter-Diplexer

LA-10 / PS-10

MATV Inline Amplifier suitable for MATV Applications – Used with PS10 Power Inserter-Diplexer 120VAC 60Hz 7.5W – DC-Line Powered Requirements 10VDC 45mA – DC Pass-Thru Current 500mA maximum for powering down converters and other amplifiers – Maximum Input 28dBmV (7 Channels) – 11dB Flat Gain – Low Noise 4dB – Input Return Loss 6dB – Impedance 75 Ohms – Frequency 5-950MHz – Precision Machined F-Connector Threads – Nickel Plated Metal Outdoor Housing

Channel Loading Specifications

Total # of Channels	Max. Input Level	Max. Output Level
7	28 dBmV	38 dBmV
12	24 dBmV	34 dBmV
36	20 dBmV	30 dBmV
48	16 dBmV	26 dBmV
78	14 dBmV	24 dBmV
108	10 dBmV	20 dBmV
125	8 dBmV	18 dBmV

Ordering Information

LA-10 Inline Amplifier **PS-10** Power Inset Diplexer





Satellite Power Inserters

400-2150MHz Satellite Inline Power Inserters

SPI-14/18-2150

TruSpec power inserters supply constant DC voltage to C/Ku or DSS Satellite LNBS, microwave down-converters and in-line amplifiers – Plug-in External UL Power Wall Adapter Included – Input Voltage 120VAC 60Hz 35W – Operating Frequency 400-2150MHz – 2 Independent Paths – Output Voltage Selection Switch 13-14/17-18 or 17-18/17-18 VDC 600mA – Insertion Loss 2dB \pm 1dB – Isolation 65dB

