

LDA-50 and LA Series

Distribution Amplifier and Line Amplifiers



LDA-50

LDA-50

The LDA-50 is an L-Band indoor distribution amplifier designed for MDU trunk line applications. It features high gain, high output capability and 950-2050 MHz bandwidth making it compatible in stacked or dual LNB systems. The amplifier has a fixed slope of 12 dB over 950-2050 and 15 dB of gain control range for optimizing to distribution system requirements.

○ Features & Benefits

- High Output Capability +1dBm @ 2050 MHz
- High Gain - 52dB @ 2050 MHz
- 15 dB Gain Control Range
- 12 dB Fixed Slope
- Aluminum Chassis for Superior Heat Dissipation




○ Specifications

LDA-50	Bandwidth (MHz)	Gain dB	Output Level	Flatness dB	Noise Figure dB	Voltage
High Level	950	(25-40) dB	1 dBm (50 dBmV)	± 1	6	120VAC High Gain, (+5 VDC-380mA)
Positive Slope, Trunk Amplifier Power Supply Included	2050	(37-52) dB		Relative to tilt		

LA Series

The LA Series are power passing line amplifiers for L-Band, commonly referred to as a "bullet amps". These amplifiers are typically used in commercial or residential DBS distribution systems to overcome long drop cable and/or splitter losses. The line amplifiers are receiver powered via the coax connection, and pass power through to the LNB or multiswitch.

○ Specifications

LA124-20	Bandwidth (MHz)	Gain dB	Output Level @16 Transp.	Flatness dB	Noise Figure dB	Voltage	LNB Power
	10 - 806 950-2150	20 dB 20 dB	30 dBmV @ -57 dBc -19 dBm (30 dBmV)	± 1.5	6.0	12-18 VDC (55 mA)	Power Passing
	900-2150	20 dB	-19 dBm (30 dBmV)	± 1.5	6.0	12-18 VDC (45 mA)	Power Passing
	900 1450 2150	15 dB 16.5 dB 18 dB	-19 dBm (30 dBmV)	± 2.0	6.0	12-18 VDC (55 mA)	Power Passing

○ Ordering Information

Model	Stock No.	Description
LDA-50	6434	Amplifier, Trunk 950-2050 MHz, Sloped 38/50 dB Gain, External PS
LA 124 20	6421	Amplifier, In-Line 10-2150 MHz, 20 dB Gain, 30 dBmV Output, 15+3VDC
LA 922-15	6407	Amplifier, In-Line 900-2150 MHz, 15/18 dB Gain, 30 dBmV Output, 15+3VDC
LA 922-20	6408	Amplifier, In-Line 900-2150 MHz, 20 dB Gain, 30 dBmV Output, 15+3VDC

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