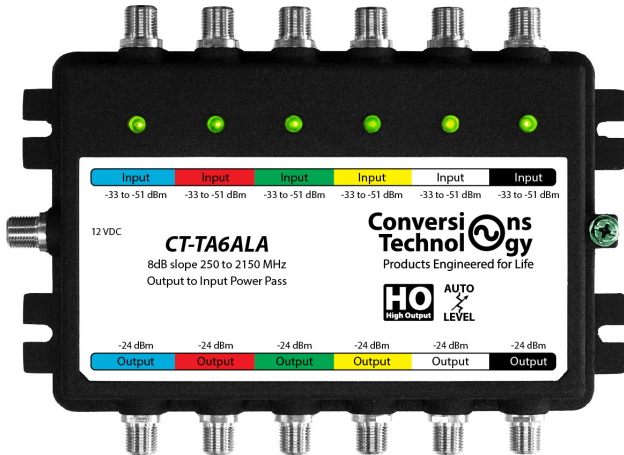


Auto Level Trunk Amplifier 6 In 6 Out 250 - 2150 MHz

CT-TA6ALA



INTRODUCTION:

The CT-TA6ALA high performance, auto-level trunk amplifier is designed for six-line DBS amplification with automatic output level.

Each CT-TA6ALA amplifier has 8 dB of slope compensation over the 250-2150 MHz range and 28 dB gain at 2150 MHz below the auto-level window.

The die-cast aluminum housing with plated, machined brass connectors, high frequency inserts and integral cast heat sink ensures high reliability.

The output automatically adjusts to -24 dBm when the input signal is in the input range (-51 to -33 dBm.) A CT-PS12-1.5A DC power supply provides power via an F-connector input

FEATURES:

- Passes DC Power from Out to In
- F-connector Power Supply
- Auto-Level
- Rugged Die-Cast Housing
- High Port-to-Port Isolation
- Variable-Color LED Signal Level

SPECIFICATIONS – QC LIMITS:

Frequency (MHz) 250-2150	Input Return Loss >10 dB	Output Return Loss >10 dB	Port to Port Isolation >35 dB
Slope +8 dB	Noise Figure 7 dB	Input Voltage 12–20v	

AUTO LEVEL SPECIFICATIONS:

Input (Auto-level) -51 to -33 dBm/tp (flat input)
Output -24 dBm/tp

LIGHT SPECIFICATIONS:

Green LED	Signal inside auto-level window
Red LED	Signal above auto-level window
Red Blinking LED	Signal below auto-level window

MECHANICAL SPECIFICATIONS:

Master Carton (12 units)	12" x 15" x 12"
Master Carton Weight	16 lb. (7.2 kg)

ENVIRONMENTAL SPECIFICATIONS:

Operating Environment	Indoor/Outdoor
Ambient Temperature	-30° C to +60° C