Features:

- Amplifies six satellite lines
- 250 2150 MHz
- · Automatic level controlled output
- · Four ground lugs
- -12 dB to 0 dB slope adjustment
- Six individual -10 dBm to 0 dBm gain control adjustments
- Requires 1 PI-29Z power supply
- · Can be powered from individual power input or from Satellite Out port 1
- · Power output to power device above from either individual power out port or Satellite In port 1
- Will not power the LNB, external polarity locker is required
- For indoor use only
- · Wall mountable

Specifications:

Satellite input ports Satellite output ports

System Impedance

Operating IF Frequency Range

Automatic Level Controlled Output Power Level

(Aggregate Power from 250-2150 MHz) **ALC Control Range**

Adjustable Output Power Attenuators

Noise Figure

Slope adjustment

Input signal levels for colored LEDs

- Green LED - Red blinking LED

- Red LED

2nd Order IMD 3rd Order IMD

Flatness in operating frequency range

Port to Port Isolation Input Return Loss Output Return Loss

Non harmonic Spurious emissions Power Passing Ports Current rating DC Switch Mode Power Supply **Amplifier Power Consumption**

Optional DC Power for Amplifier

Diode steered DC voltage from Riser Cable 20-29VDC

8.0 Watts

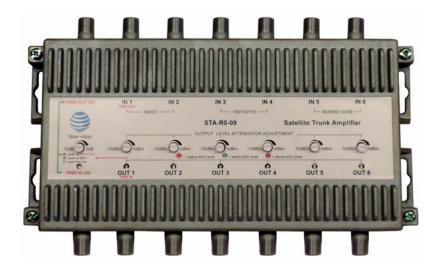
Operational Temperature **Dimensions** 8.2"W x 5.0"H x 1.0"D

Ordering Information:

STA-R0-09 6 Line Satellite Amplifier

PI-29Z 29VDC Power supply / power inserter

STA-R0-09 Six Line Satellite Amplifier



6 6

75 Ohms

250 - 2150 MHz

0 dBm 25 dB

0 - 12 dB 0 - 10 dB

10 dB (14 dB @ 250 MHz)

-24 to +1 dBm

No Signal to -25 dBm

+1 dB or greater

-45 dBc

-45 dBc +/- 0.5 dB

>35 dB

12 dB 12 dB

-80 dBm

1000 mA 29VDC

21-29VDC

8.0 Watts

-30 to +140°F (-34 to +60 °C)

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