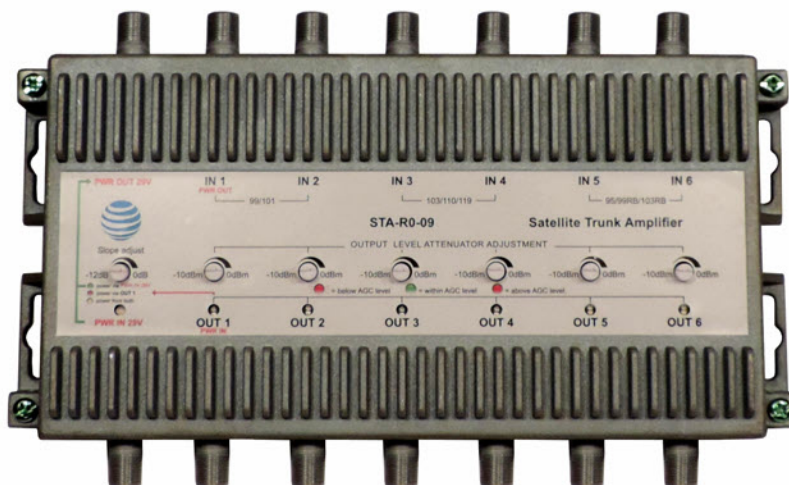


STA-R0-09

Six Line Satellite Amplifier

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	6
Satellite output ports	6
System Impedance	75 Ohms
Operating IF Frequency Range	250 - 2150 MHz
Automatic Level Controlled Output Power Level (Aggregate Power from 250-2150 MHz)	0 dBm
ALC Control Range	25 dB
Slope adjustment	0 - 12 dB
Adjustable Output Power Attenuators	0 - 10 dB
Noise Figure	10 dB (14 dB @ 250 MHz)
Input signal levels for colored LEDs	
- Green LED	-24 to +1 dBm
- Red blinking LED	No Signal to -25 dBm
- Red LED	+1 dB or greater
2nd Order IMD	-45 dBc
3rd Order IMD	-45 dBc
Flatness in operating frequency range	+/- 0.5 dB
Port to Port Isolation	>35 dB
Input Return Loss	12 dB
Output Return Loss	12 dB
Non harmonic Spurious emissions	-80 dBm
Power Passing Ports Current rating	1000 mA
DC Switch Mode Power Supply	29VDC
Amplifier Power Consumption	21-29VDC 8.0 Watts
Optional DC Power for Amplifier	
Diode steered DC voltage from Riser Cable	20-29VDC 8.0 Watts
Operational Temperature	-30 to +140°F (-34 to +60 °C)
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