



Pro

Trunk amplifier with 16 satellite IF inputs and 1 terrestrial input for SMATV system

IDLP-AMP160-C0000-16B

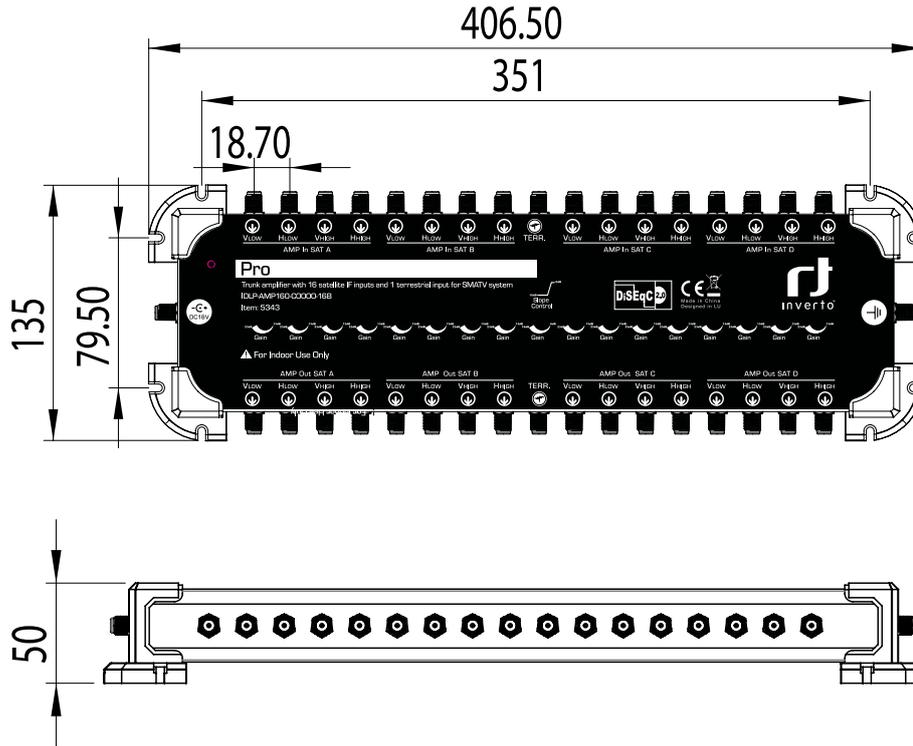
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The Inverto trunk amplifier maintains signal strength along trunk distribution system. It features low distortion, low noise, wide dynamic range and moderate gain that minimize degradation of the signal along the trunk.

The trunk amplifier provides a slope gain adjustment to compensate for cable losses.
Powered with external power supply unit.

Main Features:

- Fully modular and Cascadable
- Amplifying IF signals of up to 4 satellites + terrestrial
- Wide dynamic range, low distortion, low noise
- Slope gain adjustment per input line
- Low power consumption
- Easy to install, color-coded inputs and outputs



Technical data

Frequency range	47-2150MHz	
Inputs	16 SAT + 1 Terr.	F connectors
Outputs	16 SAT + 1 Terr.	F connectors
Satellite Gain	13-23dB	(6dB fixed slope)
Terrestrial Gain	6-16dB	(10dB adjustable slope)
Trunk isolation	32dB	
Noise figure	6dB	
Return loss - Terrestrial input	47-862 MHz	11dB
Return loss - Satellite input	950-2150 MHz	11dB
Return loss - Terrestrial output	47-862 MHz	9dB
Return loss - Satellite output	950-2150 MHz	9dB
Output level Sat.	IMD3 max. -35dBc	106 dBuV
Output level Terr	IMD3 max. -35dBc	108 dBuV
Max. current pass to LNBS		900mA
Switching AC/DC Adapter		18V 2.5A

For purpose of brevity, some product descriptions in this sheet remain at platform level and may not be referred to as detailed datasheets of the products. Inverto Digital Labs reserves the right to amend, omit or add products, product-lines, and / or features without notice.

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