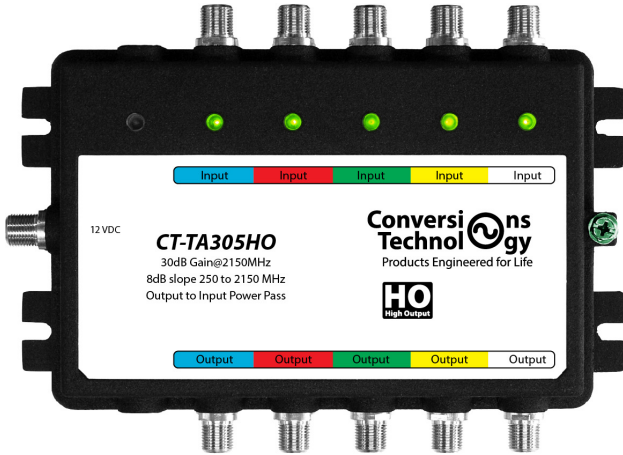


30 dB Gain Trunk Amplifier 5 In 5 Out 250 - 2150 MHz

CT-TA305HO



INTRODUCTION:

The CT-TA305HO is a 5 in 5 out trunk amplifier with 30 dB gain at 2150 MHz and 21dB at 250 MHz.

Works with -T power supply

This amplifier is designed for indoors

A high 1 dB Compression to operate at the output of an antenna, and a low noise figure to operate at the end of the line.

The CT-TA305HO can be line-powered and will pass voltage bi-directional, or can be powered from an external supply (included).

FEATURES:

- Video HDMI up to 1080p/60 Hz
- 30 dB at 2150 MHz, 2 dB at 250 MHz
- External Power Supply
- High 1dB Compression
- Bi-Directional Voltage
- Low Noise Figure

ELECTRICAL SPECIFICATIONS:

PARAMETERS	TYPICAL	CONDITIONS
Input and output return loss	>12 dB	250 to 2150 MHz
1 dB compression	19 dBm	950 and 2150 MHz
Gain	21	250 MHz
	30	2150 MHz
Noise Figure	7 dB	2150 MHz
Line Voltage range	8 to 24 VDC	Over Temperature
External voltage input	8 to 24 VDC	Over Temperature
Maximum current	550 mA	
Output level	-5 dBm/ transponder	24 transponders (IM greater than 20 dBc)
Temperature range	-35 to +60	Degrees C

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