

Cable TV Distribution Amplifier

This cable TV distribution amplifier is designed for indoor use. It enhances signal strength and quality within cable television systems.



Product Overview

Professional CATV Distribution Amplifier

This high-performance distribution amplifier is engineered for indoor cable television systems, utilizing advanced SMD technology and push-pull high-frequency circuits to ensure signal integrity. The unit features robust metal shell shielding to effectively isolate internal components and prevent RF interference, maintaining high gain and excellent signal flatness. Designed for professional reliability, it includes precise gain and slope controls to optimize signal strength across both forward and return paths.

Technical Specifications

| | |
|-------------------------|---------|
| Forward Frequency Range | 47 MHz |
| Forward Path Gain | 36 dB |
| Noise Figure (Max) | 8 dB |
| Return Path Frequency | 5-30MHz |
| Return Path Gain | 10 dB |

Connectivity & Power

| | |
|-------------------|-------------|
| Connector Type | 75Ω-type |
| Power Supply | 230V / 50Hz |
| Power Consumption | 12 W |

Key Performance Metrics

Signal Output Levels

117 dBμV

VHF Output Level

106 dBμV

UHF Output Level

Control Settings

Adjustment Ranges

| Parameter | Range |
|--------------------------|-------------|
| Forward Gain Control | -1 to 13 dB |
| Forward Slope Control | -1 to 18 dB |
| Return Path Gain Control | -1 to 18 dB |

Features

Design & Construction

Indoor Use, Push-pull Circuitry, SMD Technology, Metal Shell Shielding, RF Interference Protection