

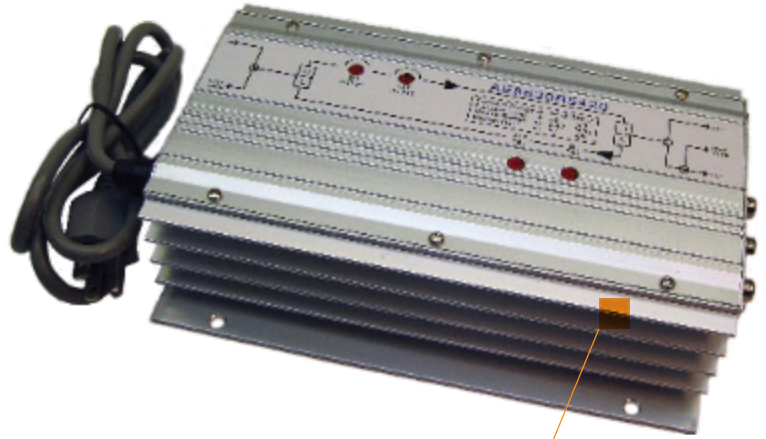
MDU DISTRIBUTION AMPLIFIER [AE10xx-x/x-x]

Cable Products, Amplifiers

Taikan
ESTD. 1973

Description

Taikan's AE10xx-x/x-x has been specifically designed for use in multi dwelling environments such as hospitals, apartment complexes and hotels. This high gain unit has a bandwidth of 1 GHz, allowing effective transmission of large volumes of data within the CATV network. The built-in equalizer and attenuator (gain/tilt) allow for increased flexibility and easy adjustment of the signal output. The unit includes a European (with 220 V) or US (with 110 V) power adapter.



Features

- Adjustable Tilt and Gain Control
- Forward (Downstream) Frequency: 54/85/105 -1000 MHz
- Forward (Downstream) Gain: 30 or 40 dB and Tilt Adjuster
- Extremely Low Distortion and Harmonic Content
- Suitable for HDTV, CATV, Off-air Analog, and Digital RF Distribution Applications

Ordering Information

AE10 **xx** - **x/x** - **x**
U: US Power Adapter 110V; E: Europe Power Adapter 220V
42/54 (5-42 / 54-1002); 65/85 (5-65 / 85-1002); 85/105 (5-85 / 105-1002)
30 dB; 40 dB



Model Number	Standard Qty	Weight	Unit Dimensions
AE10xx-x/x-x	1	1 kg (2.2 lb)	23 x 7 x 12 cm (9 x 3 x 5 in.)

Specifications

Frequency Range	54/85/105 - 1000	MHz	Adjustable Attenuator	0 ~ 20	dB
Gain	30 or 40	dB	Adjustable Equalizer	0 ~ 20	dB
Input Level Range	68 - 72	dBμV	Power Supply**	110 - 220	AC
Inside-band Flatness	± 0.75	dB	Power Consumption	≤ 12	W
Reflect Loss	≥ 16	dB			
Input/Output Impedance	75	Ohms			
Noise Figure	7.0	dB			
CTB*	≥ 55	dBc			
CSO*	≥ 55	dBc			
Signal Hum Rate	≥ 66	dB			

* Out level 104 dBμV ** 50 or 60Hz

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