

MDU DISTRIBUTION AMPLIFIER [AE86xx/20-x]

Cable Products, Amplifiers

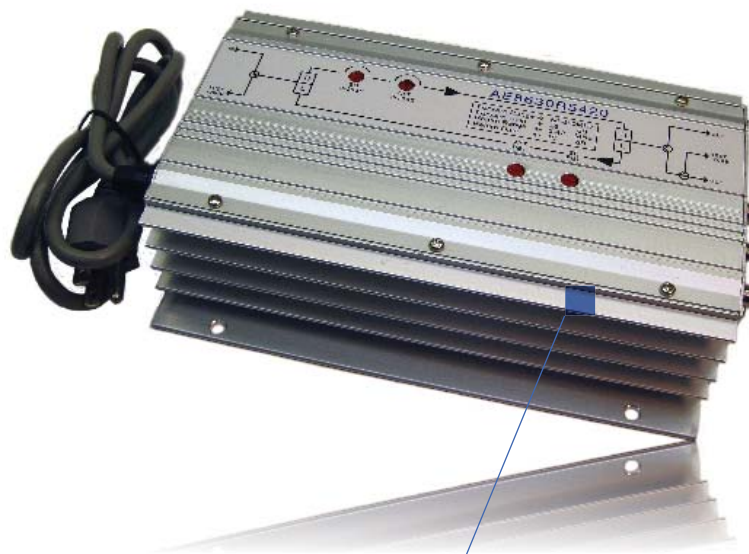
TaiTin

Description

Taitin's AE86xx/20-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 860 MHz, 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 (65/85 MHz with 220 V) or US (42/54 MHz with 110 V) power adapter.

Features

- Forward (Downstream) Frequency: 54-860 MHz
- Return (Upstream) Frequency: 5-42 MHz
- Forward (Downstream) Gain: 30 or 40 dB and Tilt Adjuster
- Return (Upstream) Gain: 20 dB
- Extremely Low Distortion and Harmonic Content
- Suitable for HDTV, CATV, Off-air Analog, and Digital RF Distribution Applications
- Continuously Adjustable Tilt and Gain Control



Ordering Information

AE86 x /20 - x

U: 42/54 MHz with 110V
E: 65/85 MHz with 220V

30 dB
40 dB

Model Number

AE86xx/20-x

Standard Qty

1

Weight

1 kg (2.2 lb)

Unit Dimensions

23 x 14 x 6.5 cm (9 x 5.5 x 2.5 in.)

Specifications

Forward (Downstream) Frequency	54 - 860	MHz
Frequency Response	± 0.75	dB
Forward (Downstream) Gain	30 or 40 ± 1.5	dB
Passband Flatness	± 1.0	dB
Input Return Loss	≥ 15	dB
Output Return Loss	≥ 15	dB
Forward (Downstream) Noise Figure	< 6.0	dB
Return (Upstream) Frequency	5 - 42	MHz
Return (Upstream) Gain	20 ± 1.5	dB
Return (Upstream) Noise Figure	< 8.0	dB

Equalizer Adjustment (EQ)	0 - 20.0	dB
Attenuator Adjustment (ATT)	0 - 20.0	dB
Input & Output Impedance	75	Ohms
Impedance Test Point	-20	dB

Connector: Input, Output, & Test Points (all "F" type)

Power Supply: 190 ~ 230 VAC or 110 VAC

Operating Temperature: -10 ~ 50 °C (14 ~ 122 °F)

AC Fuse (Internal): 1 A