

MDU DISTRIBUTION AMPLIFIER [AE8630/20-x]

Cable Products, Amplifiers

Description

Taikan's AE8630/20-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.

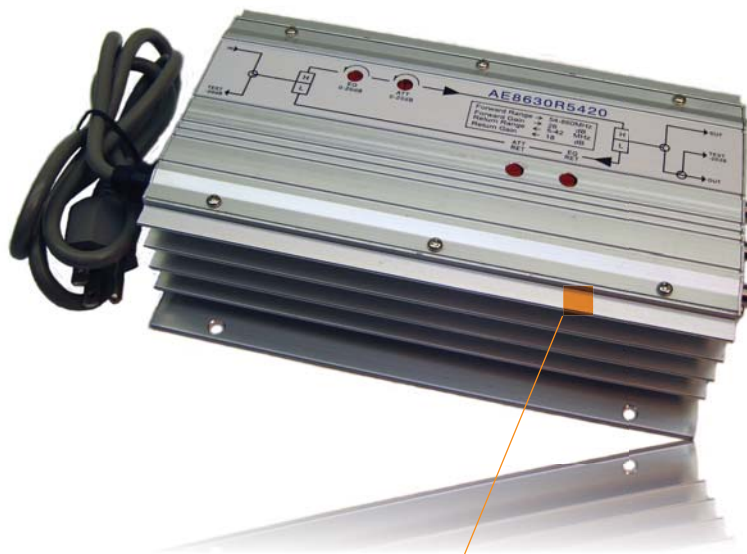
Features

- Forward Frequency: 54-860 MHz
- Reverse Frequency: 5-42 MHz
- Forward Gain: 30 dB and Tilt Adjuster
- Reverse 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

AE8630/20 - x

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



Model Number

AE8630/20-x

Standard Qty

1

Weight

2.2 kg (5 lb)

Dimensions

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

Specifications

Forward Frequency	54 - 860	MHz	Equalizer Adjustment (EQ)	0 - 20.0	dB
Frequency Response	± 0.75	dB	Attenuator Adjustment (ATT)	0 - 20.0	dB
Forward Gain	30 ± 1.5	dB	Input & Output Impedance	75	Ohms
Passband Flatness	± 1.0	dB	Impedance Test Point	-20	dB
Input Return Loss	≥ 15	dB	Connector:	Input, Output, & Test Points (all "F" type)	
Output Return Loss	≥ 15	dB	Power Supply:	190 ~ 230 VAC or 110 VAC	
Forward Noise Figure	< 6.0	dB	Operating Temperature:	$-10 \sim 50 \text{ }^\circ\text{C}$ ($14 \sim 122 \text{ }^\circ\text{F}$)	
Reverse Frequency	5 - 42	MHz	AC Fuse (Internal):	1 A	
Reverse Gain	20 ± 1.5	dB			
Reverse Noise Figure	< 8.0	dB			