



**WCA-30/40/50 CATV DISTRIBUTION AMPLIFIER**

### FEATURES

- Push-Pull Hybrid IC for Excellent Flatness
- Deluxe Aluminum Housing for Excellent Heat-Sinking
- 60 dBmV High Output Level
- -20 dB Input Test Point & Output Test Point
- Tilt Control & Gain Control Continuously Adjustable
- Built-in Power Supply for Easy Installation

### SPECIFICATIONS

Operation Frequency Range	: 45 – 550MHz
Output Level	: 60dBmV
RF Amplification Device	: Push-Pull Hybrid Device
Gain	: WCA-30 30dB WCA-40 40dB WCA-50 50dB
Gain Control	: 0 – -20dB Continuously Adjustable
Tilt Control	: 0 – -20dB Continuously Adjustable
Gain Flatness	: ± 1dB
Noise Figure	: 7dB, Typical
Return Loss	: 16dB
Input & Output Impedance	: 75Ω
Input & Output Test Point	: -20dB
Connectors	: Input, Output, Input Test Point & Output Test Point (All F-Type)
Power Supply	: 100V – 120V AC or 190V – 230V AC
Power Consumption	: 20W
Operating Temperature	: -10 ~ +60°C
AC Fuse (Internal)	: 1Amp
Packing	: 1 Set/Inner Box 10 Sets/ Carton/22 Kgs/1.6 cuft

### OPTIONAL MODELS

WCA-30R/40R/50R	
Reverse Path:	
Operation Frequency Range	: 5 – 30MHz
Gain	: 0 -12dB Adjustable



**WIA-860 INDOOR AMPLIFIER**

### FEATURES

- Deluxe Aluminum Housing for Excellent Heat-Sinking
- 60 dBmV High Output Level
- -20 dB Output Test Point
- Tilt Control & Gain Control Continuously Adjustable
- Built-in Power Supply for Easy Installation

### SPECIFICATIONS

Operation Frequency Range	: 40~860 MHz
Output Level	: 60 dBmV
Gain	: 40 dB
Gain Control	: 0 ~ - 2 0 dB Continuously Adjustable
Tilt Control	: 0 ~ - 2 0 dB Continuously Adjustable
Gain Flatness	: ± 1.5 dB, 40~500 MHz ± 3 dB, 500~860 MHz
Noise Figure	: 4.5 dB
Input & Output Impedance	: 75 Ω
Output Test Point	: -20 dB
Connectors	: Input, Output & Output Test Point (All F-Type)
Power Supply	: 100V ~120V AC or 190V ~230V AC
Power Consumption	: 8W
Operating Temperature	: -10~+60°C
AC Fuse (Internal)	: 0.25 Amp
Packing	: 1 Set/Inner Box 10 Sets/ Carton/22 Kgs/1.6 cuft