

# ZTA Series

## VHF/FM/UHF Distribution Amplifiers



ZTA-15



ZTA-25



ZTA-35



ZTA-45

The ZTA Series are distribution amplifiers, designed for off-air applications in MATV, SMATV, and Wireless Cable systems. These very affordable split band amplifiers provide high output capability with low noise contribution. Four gain models are available for VHF, FM, and UHF signal reception to fit most systems.

### ○ Features & Benefits

- VHF/FM/UHF Distribution Amplifiers
- Models Available with Gains of 15,25,35 and 45 dB
- Wide Dynamic Range
- High Output Capability
- Low Noise Figure
- Switchable FM Traps (not on ZTA-15) Protect Against Strong Local FM Stations
- UL Listed

### ○ Specifications

RF	ZTA-15	ZTA-25	ZTA-35	ZTA-45
Frequency Range (MHz):	54-220 470-900	54-216 470-890	54-216 470-890	54-216 470-890
Flatness (dB):	±1.00	±1.0 (LB/FM) ±1.5 (HB) ±4.0 (UHF)	±0.50 (LB/FM) ±0.75 (HB) ±1.50 (UHF)	±0.50 (LB/FM) ±0.75 (HB) ±1.50 (UHF)
Gain:	15 (50-220) 12 (470-800) 10 (800-900)	25 (LB/FM) 22 (HB) 18 (UHF)	36 (LB/FM) 35 (HB) 37 (UHF)	45 (LB/FM) 45 (HB) 43 (UHF)
Noise Figure:	3.0 (VHF) 4.0 (UHF)	5.0 (VHF) 7.0 (UHF)	6.0 (LB/FM) 7.0 (HB) 6.2 (UHF)	7.0 (LB/FM) 7.5 (HB) 5.0 (UHF)
Output Level - Max VHF 7 ch., UHF 4 ch. (dBmV):	+44	+45	+49	+54
Gain Control Range (dB):	-	-	18	18
FM Trap Depth (95-108 MHz) (dB):	-	-25	-18	-20
<b>General</b>				
Power Requirements				
Voltage (VAC):	117, ±10%	117, ±10%	117, ±10%	117, ±10%
Frequency (Hz):	60	60	60	60
Power (W):	4.2	3.0	9.0	15.0
Temperature Range (°C):	0 to 50	0 to 50	0 to 50	0 to 50
<b>Mechanical</b>				
Dimensions (LxWxD):				
(in)	3.25x1.50x4.88	5.88x3.00x1.63	11.88x5.22x1.75	19.00x5.22x2.63
(mm)	83x38x124	149x76x41	302x133x44	483x133x67
Weight:				
(lbs)	0.75	1.5	3.25	7.0
(kg)	0.34	0.68	1.48	3.18

### ○ Ordering Information

Model	Description
ZTA-15	Broadband VHF/FM/UHF Distribution Amplifier 16 dB, 54-220/470-900 MHz
ZTA-25	Broadband VHF/FM/UHF Distribution Amplifier 25 dB, 54-216/470-890 MHz
ZTA-35	Broadband VHF/FM/UHF Distribution Amplifier 36 dB, 54-216/470-890 MHz
ZTA-45	Broadband VHF/FM/UHF Distribution Amplifier 45 dB, 54-216/470-890 MHz