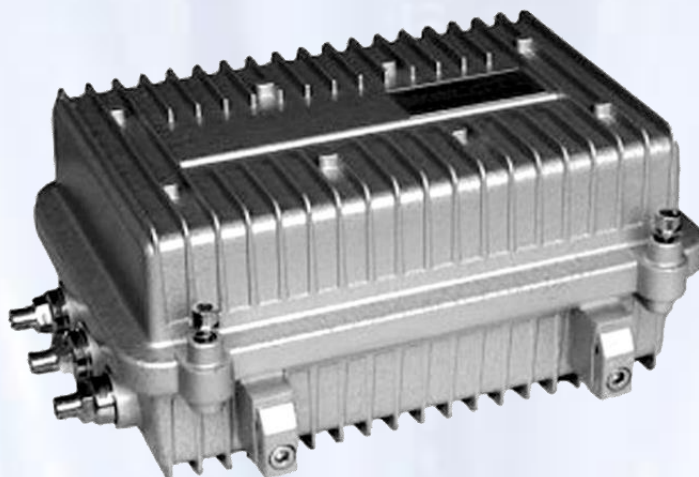


## OFA-UTA-002 Unidirectional Trunk Amplifiers

**MODEL: OFA-UTA-002**



### Specifications

1GHz working platform, high output, low distortion, excellent flatness in band Using high quality NXP or NEC module, make sure good C/N,C/CSO,C/CTB Unit in the network. Using plug-in functional device, could achieve blind mating for guiding groove design. symmetrical stitch of the equalizer had been designed to avoid incorrect using. Gilded copper stitches and pins are suitable for connection and debugging. The standard optional output interface: 2/3/4outputs, 2 high power output etc. Built-in two aluminum panels to prevent electromagnetic radiation Multistage lightning protection devices ensure long-time steady and continuous working. New attractive aluminum alloy case with waterproof, moisture proof and anti-Oxidation design is favorable to installation and heat elimination.

### Technique Parameter

Items	Unit	Technical Parameter				
Frequency Band	MHz	45~750/862				
Nominal Gain	dB	26	28	30	32	34
Minimal Gain	dB	≥26	≥28	≥30	≥32	≥34
Nominal Output Power	dBuV	98	100	102	104	106
Nominal Input Power	dBuV	72				
Max Output Power	dBuV	108				
Flatness In Band	dB	±0.75				
Noise Coefficient	dB	≤10				
RF Reflection Loss	dB	≥16				
C/CTB	dB	≥67	≥63	≥61	≥61	≥60
C/CSO	dB	≥64	≥62	≥60	≥60	≥60
Gain Adjust Range	dB	1~20dB Fixed (1dB step) or continuous				
Slope Adjust Range	dB	1~15dB Fixed (1dB step) or continuous				
Ethernet Over Coax		Built-in EOC Signal Commingler (optional)				
Signal Hum Ratio	%	<2				
Gain Stability	dB	±1				
Output Impedance	Ω	75				
Working Temperature	°C	-40~+60				
Storage Temperature	°C	-55~+75				
Power Voltage	V	AC135~265 or AC35~90				

Due to continuous improvement, all products specifications are subject to change without further notice.  
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