

## AMP 8601

### Bi directional Economic Amplifier



## Overview

LINE EXTENDER 24 db amplification 860MHz  
 Adopt high-output Philips microwave components amplifier, perfect fore-and-aft power doubles and fore-and-aft independence forward and reverse test ports suitable for bi-directional distribution network

## Specification

### Character Parameters

Item	Unit	AMP8601
Frequency range	MHz	45~862 52~860
Rated Gain	dB	24
Min Fill Gain	dB	≥24
Rated gain Input level	dBμV	72
Rated output level	dBμV	96
Flatness in Band	dB	≤±1
Noise figure	dB	≤10
Return lost	dB	≥14
C/CBT (84 PAL-D)	dB	≥57
C/CSO (84 PAL-D)	dB	≥56
Signal to noise ratio	dB	≥66
Voltage Stroke	KV	5(10/700μ

### Backward Transmission

Item	Unit	AMP8601
Frequency range	MHz	5~(30) according to the user
Return	MHz	5-42
Rate Gain	dB	18
Flatness in Band	dB	≤1
Noise Figure	dB	≤12
Return Loss	dB	≥12
Max output level	dBμV	≥110
Intermodulation Ratio	dB	≥52
Carrier alternate noise	dB	≥66
Power Voltage (50Mhz)	V	110±15% OR 60
Power consummation	VA	10
Dimension	mm	23 x140x110