

Multi-Channel Amplitude and Phase Analyzer

Wide Band · Multiple Input Channels · Stable Performance



Introduction

The Multi-Channel Amplitude and Phase Analyzer integrates high-accuracy amplitude, phase, and power measurements across 1MHz–40GHz, supporting up to 8 channels with flexible expansion through a switch matrix. With 10W maximum input power, it can also operate independently as a signal generator or multi-channel power meter, delivering versatile and efficient solutions for RF and microwave testing.



Frequency Range:
1MHz-40GHz



Input Power:
10W Max.



Multiple Channels:
8 Channels Maximum



Durable Design
Industrial Grade Reliability

Features

- **Frequency coverage: 1MHz - 40GHz**
- **Supports high-power input up to 10W**
- **Supports amplitude and phase difference measurements**
- **Supports up to 8 channels**
- **Supports multi-channel expansion via switch matrix**
- **Independent operation as a signal generator or power meter**
- **High-accuracy power and phase difference measurement**

Typical Model List (Customizable)

Model No.	Frequency	Channels
ETAP1M500M-4H	1 - 500MHz	4
ETAP500M18G-4H	500MHz - 18GHz	4
ETAP500M18G-8H	500MHz - 18GHz	8
ETAP500M40G-4H	500MHz - 40GHz	4

Max Input Power

10W

Frequency Range

1MHz - 40GHz

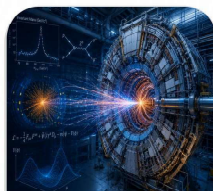
Applications



Radar & Electronic
Warfare



Communications
System Testing



Plasma Excitation



High-Energy
Physics Research



Satellite & Aerospace

