



MA221A 1/2" Preamplifier

Features:

- Fit to 1/2" prepolarized microphone
- ICCP power supply
- Coaxial cable output with user-defined output connector



Applications:

- Coupler measurement
- Application with limited space

Introduction

MA221A preamplifier is suitable for 1/2" prepolarized microphone with short length. It is suitable for applications coupler or where space is limited.

MA221A is designed as coaxial cable output with 2 m length of supplied cable. Users can customize the cable length and output connector. The commonly used connector is BNC or SMB.

Specifications

Diameter	1/2"
Polarization Voltage Support	0V (Prepolarized)
Frequency Response (Hz) (± 0.5 dB)	4 ~ 150 k
Attenuation (dB)	<0.1
Maximum Output Voltage (V _{peak})	± 7
Self-generated A-weighted	<4 μ V
Noise (Typ.) 20 Hz ~ 20 kHz	<15 μ V
Input Impedance (G Ω pF)	6 0.4
Output Impedance (Ω)	<30
Power Supply	ICCP (2 mA ~ 20 mA, 4 mA Typ.)
Operating Temperature Range ($^{\circ}$ C)	-40 ~ 80
Operating Humidity Range (%RH)	0 ~ 95
Dimensions (mm)	$\varnothing 12.7 \times 38.9$
Mounting Thread for Microphone	$\varnothing 11.7-60$ UNS-2A
Output Connector	Coaxial cable output with user-defined output connector
Weight (g)	4.2 (included 1 m cable, BNC connector)
TEDS	No



Drawings with Dimensions

