



0201t

Octal Linear Fast Timing Amplifier (X100)

Features & Specifications

This module has designed 8 independent fast timing amplifier for fast linear signal such as fast timing applications.

The Circuit is assembled in transistors (AC coupled) and Op-amp IC (DC coupled).

. Input protected by diode

Clamping is acceptance PMT signal directly.

Input 1-Output

Gain x 100(typ)

*Gain is selectable when you order

non-inverting type

Rate 2MHz ~ 400MHz

Range 0 ~ -2V with 50Ω

Input impedance 50Ω AC,DC Coupled

Output impedance 1Ω

Rise time < 2nsec

Noise <5mV RMS

Propagation delay <30ps variation between channel

Bias control -200mV ~ +200mV

Packaging NIM#1 with LEMO 00 connectors

Power requirements +12V 350mA, -12V 20mA

Weight 1.5 kg

*Note

Design can be made with specified Gain.

We do not make a Gain change circuit with the Switch.

FUJI DIAMOND INTERNATIONAL CO., LTD
 103 ushijima Fussa-shi 197-0024 Tokyo
 TEL/FAX 042-552-7311 fujidiamond@ozzio.or.jp