

N410_8CH - 8 CHANNELS SiPM AMPLIFIER

The NIM module N410_8ch has 8 channels amplifiers specially designed for HAMAMATSU MPPC S10931-050P type detector. The amplifier has 50 Ω input impedance and amplified output signal can be terminated at 50 Ω . The module has 8 isolated inputs and 8 outputs with common ground.

PERFORMANCE

Input impedance	50 Ω
Rise/fall time	5 ns 25 ns
Gain adjustable	From 20 up to 35 dB
Output range voltage	2 V
Termination	50 Ω
Gain temperature coefficient	0,03%/C
Input equivalent noise	8 μ V RMS
Input connector	LEMO 00
Output connector	LEMO 00
Power connector	42 NIM connector

* tested with HAMAMATSU MPPC S10931-050P biased by 72 V.

POWER SUPPLY REQUIREMENTS

The module has NIM standard power supply.

P. Voltage (V)	Current/ch (mA)
+6	105
-12	42

DIMENSIONS

dimensions	3,43x22,13 cm
weight	0,7 kg

