

NCB216 - FAST ANALOGUE FAN OUT

The NIM module NCB216 has 8 channels FAN OUT voltage amplifiers. The module has one input and two outputs. The module has gain equal 1 (Can be changed by internal trimmer from 1 to 10). Fast timing and low noise of amplifiers makes this module an excellent instrument for particle detectors or laboratory measurements. Each channel has two outputs that can be terminated to 50Ω.

PERFORMANCE

Input	50Ω
Rise/fall time	Small signal is < 5ns Large signal is < 15 ns
Noise RMS	< 300μV
Integral nonlinearity	0,1%
Dynamic output range	±3 V (with 50 Ω termination)
Temperature stability	±100 ppm/C
Fixed gain	1
Output resistors	< 2 Ω

POWER SUPPLY REQUIREMENTS

The module has NIM standard power supply.

P. Voltage (V)	Current/ch (mA)
+12	120
-12	120

DIMENSIONS

dimensions	3,43x22,13 cm per DOE/ER-0457T
weight	1 kg