

BNC Port Adapter

Product Information

MP02A is an [in-line BNC adapter](#) for [BitScope Micro](#). It allows the use of industry standard oscilloscope probes. It also supports simultaneous use of the logic inputs and connection to the waveform and clock generator outputs. The adapter allows 1:1, 10:1, 100:1 and other standard attenuating oscilloscope probes to be used as well as current, differential or any other BNC terminated sensor designed for use with 1M Ω /20pF oscilloscope inputs.

The BNC socket is supplied with ring nuts and washers so MP02A can be bench mounted. The logic, waveform generator and clock signals appear on the 10-pin header mounted behind the BNC socket so anything BitScope Micro can do can also be done when the adapter is connected. A terminator is included to select from CHA, the waveform generator or Logic Channel 4 as the signal used for BNC channel. [Read More...](#)

Feature	Specification
Analog Inputs (Standard Probe) 1	
Analog Inputs (Pin Header)	2
Logic Inputs (3.3V/5V)	6
Comparator Channels	2 (via analog inputs)
Waveform Generator	1 (via L4)
Clock Generator	1 (via L5)
Input Impedance (Analog)	1M Ω / 20pF
Input Impedance (Digital)	100k Ω / 5pF
Voltage Range (Direct)	-7.5 V ~ +10.8 V (1:1 probe)
Voltage Range (Scaled)	-75 V ~ +108 V (10:1 probe)
Device Connection	IDC-10 (Micro Port)
Power Requirement	None
Operating Temperature	0 °C to 40 °C
Storage Requirements	-40 °C ~ +40 °C / 5 % ~ 95 % RH
Dimensions (W x D x H)	20 x 60 x 20 mm